

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSIAC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T001-7.12.11 Date: 07/12/11
Contractor (# personnel): _MagTech - 2 Weeks - 1	ARCADIS Personnel Zachary McCoy	Day of Week: <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Bill Jennings Contractor's Supervisor: Claude Dion Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-Sunny; PM-Hazy, Humid		Temperature: Min. 75F / 95F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Began removal of fence located on OU-1 floodwall (40 % complete).
- Properly staged 10 rolls of Tenax MS-330 geogrid for the temporary roadway along western edge of site.

Project equipment on site and hours of operation (0700 to 1530)

- Excavator delivered to site; not utilized

Health and Safety:

- No issues. Reviewed site emergency response plan and JLA for fence removal.

Communications:

- None.

Tomorrow's Planned Activities

- Complete removal of fence and posts; stage materials as planned in northwest portion of site.

Technical Issues:

- None

Photo Log:



View of OU-1 floodwall looking west



View looking east along floodwall with fence partially removed



View of site looking east with sections of fence rolled up and stockpiled

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSIAC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T002-7.13.11 Date: 07/13/11
Contractor (# personnel): MagTech - 2 Weeks - 2	ARCADIS Personnel Michael Pelenski Zachary McCoy Bill Jennings	Day of Week: <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-Sunny; PM-Overcast		Temperature: Min. 75F / 86F Max. Wind: 0 to 15 MPH

Contractor's Activities, Visitors, Remarks:

- Completed removal of fence and posts located on OU-1 floodwall (100 % complete).
- Properly staged approximately 600 linear feet of fence in northwest corner of site. Fence in good overall condition.
- Delivered 17 foot skiff on trailer from Syracuse office.

Project equipment on site and hours of operation (0600 to 1730)

- Excavator- used for stacking of fence rolls in northwest corner of site.
- 17 foot skiff- delivered to site / chocked and properly stored.

Health and Safety:

- No issues. Reviewed JLA for fence removal.

Communications:

- None.

Tomorrow's Planned Activities

- Staging of partially full site drums on plywood off asphalt pad to accommodate contractor's trailer.

Technical Issues:

- Reviewed with B&C tie in locations for drilling water and shower water.
- ARCADIS personnel visited UPF site for current conditions and report of same.

Photo Log:



View of OU-1 floodwall looking east



Stockpiled fence in northwest portion of site



View of site looking east prior to stockpiling removed fence



MagTech worker preparing to take down additional fence posts along OU-1 floodwall.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSIAC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T003-7.14.11 Date: 07/14/11
Contractor (# personnel): Weeks – 2 MagTech- 2	ARCADIS Personnel Zachary McCoy Bill Jennings Michael Pelenski	Day of Week: <div style="text-align: center; font-weight: bold; letter-spacing: 10px;"> <u>S M T W T F S</u> </div>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-Overcast; PM-Sunny		Temperature: Min. 67F / 86F Max. Wind: 0 to 12 MPH

Contractor's Activities, Visitors, Remarks:

- MagTech moved drums from asphalt pad adjacent to GWTP building to staged plywood in anticipation of trailer deliveries.
- Placed caps on fence posts along OU-1 flood wall for safety considerations.

Project equipment on site and hours of operation (0600 to 1030)

- Excavator- not utilized.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Performed hazard analysis of drum movement by hand onto plywood.

Communications:

- None.

Tomorrow's Planned Activities

- No work scheduled on site.

Technical Issues:

- ARCADIS personnel visited Weeks yard in Jersey City to view equipment proposed for project.
- Reviewed parking area layout at OU-1 site with Weeks and B&C.

Photo Log:



View of Weeks trailer with tie back installation platform



View of Weeks crane barge scheduled for Passaic river project



View of OU-1 wall prior to fence caps being placed on cut fence posts

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSIAC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T004-7.18.11 Date: 07/18/11
Contractor (# personnel): Weeks - 2	ARCADIS Personnel Zachary McCoy Bill Jennings	Day of Week: <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-Sunny; PM-Sunny		Temperature: Min. 75F / 99F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Delivered Weeks Construction Trailer.
- Reviewed roadway / site layout and sequence of operations with Weeks. Placement of stone will commence in a counterclockwise fashion. Geogrid will be unrolled and not pinned to the roadway. Eight trucks are scheduled for delivery of stone.
- Erection of site sign on front gate for OU-1 property.

Project equipment on site and site hours of operation (0730 to 1630)

- Excavator- not utilized.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reminded personnel of high temperature conditions and need to stay hydrated.

Communications:

- None.

Tomorrow's Planned Activities

- Begin installation of roadway.
- Review layout of tanks for fluids management system.

Technical Issues:

- ARCADIS personnel visited UPF site with Abscope Project Manager to review current conditions. Since ARCADIS last site visit (7/13/11), Morris has moved additional materials along the northeast portion of the fence, including crushed asphalt aggregate. This northern portion of the UPF facility has been cleared within the fenced in boundaries.
- Reviewed roadway / site layout and sequence of operations with Weeks and ARCADIS sampling task manager. The purpose of the review was to minimize any interferences.

Photo Log:



View of Weeks trailer being set in place



Weeks trailer being set in place



**Back side view of Weeks trailer and
edge of asphalt pad**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSIAC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T005-7.19.11 Date: 07/19/11
Contractor (# personnel): Weeks - 2 Magtech-3	ARCADIS Personnel Zachary McCoy Bill Jennings	Day of Week: <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: Matt Tracey USEPA/USACE Representatives: None		
Weather: AM-Sunny; PM-Sunny		Temperature: Min. 78F / 94F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

- Began construction of OU-1 temporary roadway (approximately 150 linear feet). Work consisted of placement of geogrid and stone based on plans and specifications.
- Delivered 7 loads (approx. 180 tons) of stone for roadway and parking lot.

Project equipment on site and hours of operation (0600 to 1500)

- Excavator- utilized for placement of stone.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed roadway work plan and JLA.
- Estimated Man hours- 65

Communications:

- First weekly progress meeting held.

Tomorrow's Planned Activities

- Continue installation of temporary roadway.
- Perform general layout activities with Weeks surveyor on OU-1 site.
- Install trailer skirt on Weeks trailer.

Technical Issues:

- Reviewed temporary roadway layout with Weeks in accordance with Plans / Specifications.
- Performed site layout with Weeks for fluids management system for tie back installation.

Photo Log:



View looking east of preliminary roadway layout



Verifying roadway height layout prior to commencement of work



View of roadway prior to commencement of work , verifying width



View looking southeast of roadway prior to compaction

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSIAC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T006-7.20.11 Date: 07/20/11
Contractor (# personnel): Weeks - 3 Magtech-3	ARCADIS Personnel Zachary McCoy Bill Jennings	Day of Week: <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: Paul Bluestein USEPA/USACE Representatives: None		
Weather: AM-Sunny; PM-Sunny		Temperature: Min. 75F / 91F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

- Continued construction of OU-1 temporary roadway. Completed both corners. Verified overlap for geogrid.
- Delivered 12 loads (approx. 300 tons) of stone for roadway and parking lot.
- Installed skirt protection for the bottom of Week's trailer.
- Delivery of one 45 KVA transformer and one 75 KVA transformer for upcoming OU-1 electrical work.

Project equipment on site and hours of operation (0600 to 1600)

- Excavator- utilized for placement of stone.
- Delivery of Bomag roller for compaction of temporary roadway.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed work scope for installation of skirt on bottom of Weeks trailer. Reviewed general work scope and safety precautions for survey work at OU-1.
- Estimated Man hours- 66

Communications:

- None.

Tomorrow's Planned Activities

- Continue installation of temporary roadway.

Technical Issues:

- Performed site visit with Tierra for the Singer Realty Company.

Photo Log:



View looking east along access roadway



View looking southwest of completed temporary roadway



Verifying minimum 3 foot overlap of geogrid in accordance with specifications.



View of Bomag roller (no vibration) along west temporary roadway

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSIAC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T008-7.22.11 Date: 07/22/11
Contractor (# personnel): Weeks - 2 Magtech-3	<u>ARCADIS Personnel</u>	Day of Week: S M T W T [F] S
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-Hazy		Temperature: Min. 86F / 102F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Continued construction of OU-1 temporary roadway. Completed main roadway. Verified overlap for geogrid for corner connection along with depth.
- Delivered 4 loads (approx. 100 tons) of stone for roadway.

Project equipment on site and hours of operation (0600 to 1115)

- Excavator- utilized for placement of stone.
- Bomag roller for compaction of temporary roadway.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed work scope for remaining roadway and parking area. Decision made due to excessive heat conditions to suspend work early today and complete the work on Monday, July 25, 2011.
- Estimated Man hours- 35

Communications:

- None.

Monday's Planned Activities

- Complete installation of roadway and parking area.
- Begin installation of electrical service for Weeks at OU-1.
- Begin preconstruction structural survey activities for enclosure.

Technical Issues:

- None.

Photo Log:



View looking west along access roadway



View looking east of completed temporary roadway



View of Singer Realty waterfront from east edge of OU-1 flood wall.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T009-7.25.11 Date: 07/25/11
Contractor (# personnel): Weeks - 3 Magtech-3 CB, Inc- 5	ARCADIS Personnel Bill Jennings Adam Chwalibog Aaron Hunt	Day of Week: S [M] T W T F S
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-cloudy; PM-drizzle/rain		Temperature: Min. 73F / 81F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

- Completed construction of parking area and roadway. Both areas were rolled (3no vibration). Geogrid placed underneath the parking area. No additional stone was required to complete the work. A total of approximately 826 tons (32 trucks) was used to construct the roadway and parking areas.
- Began installation of electrical service for Weeks. Work efforts focused primarily on layout and assembly of conduit for wiring and placement of electrical transformers.
- Begin preconstruction structural survey (ARCADIS personnel) for objects located on the OU-1 floodwall.
- Week's site surveyor commenced review of core drill locations and site layout.

Project equipment on site and hours of operation (0600 to 1700)

- Excavator- utilized for placement of stone.
- Bomag roller for compaction of temporary roadway.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed ARCADIS electrical safety standard with subcontractor; reviewed permit requirements for lockout / tag out procedures; and general site rules. Reviewed scope and work requirements with ARCADIS personnel for preconstruction structural survey work. Prepared plans and inspections reports for boat work to be performed on Tuesday.
- Estimated Man hours- 120

Communications:

- None.

Tomorrow's Planned Activities

- Continue preconstruction survey activities via water.
- Continue installation of electrical service for Weeks at OU-1.
- Begin preconstruction structural survey activities (DPK) for the enclosure.

Technical Issues:

- None.

Photo Log:



View looking west of completed parking area



View of conduit being installed inside the treatment facility warehouse



View of outside south wall of the water treatment building depicting electrical work.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T010-7.26.11 Date: 07/26/11
Contractor (# personnel): Weeks - 1 DPK-2 CS,Inc.- 4	ARCADIS Personnel Bill Jennings Adam Chwalibog Aaron Hunt Michael Pelenski	Day of Week: <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Andrew Granado Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-sunny; PM-sunny		Temperature: Min. 71F / 89F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

- Commenced survey activities (DPK) associated with preconstruction structural activities; primarily layout work.
- Weeks (CS,Inc.) continued electrical work inside water treatment building at OU-1.
- Continued preconstruction structural survey (ARCADIS personnel) from the water for objects located in the vicinity of the OU-1 flood wall.

Project equipment on site and hours of operation (0530 to 1700)

- Excavator- not utilized.
- 17 foot skiff- utilized for preconstruction survey activities along the flood wall.

Health and Safety:

- No issues. Reviewed general safety requirements including working around equipment and near water; spotting trucks, maintaining eye contact.
- Estimated Man hours- 90

Communications:

- Technical field review meeting held at SECI's office, Princeton, NJ for UPF.
- Weekly Progress Meeting held.

Tomorrow's Planned Activities

- Preconstruction Meeting for UPF at ARCADIS, Edison, NJ office.
- Continue installation of electrical service for Weeks at OU-1.
- Conduct preconstruction survey work at UPF.
- Begin delivery of materials and equipment for use in core drilling activities.

Technical Issues:

- None.

Photo Log:



**View of ARCADIS personnel performing
preconstruction survey activities
along OU-1 flood wall.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T011-7.27.11 Date: 07/27/11
Contractor (# personnel): Weeks - 2 Magtech-2 DPK-2	ARCADIS Personnel Bill Jennings Adam Chwalibog	Day of Week: <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: Andrew Granado Owner Representatives: None USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM-sunny; PM-sunny		Temperature: Min. 71F / 89F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

- Continued survey activities (DPK) associated with preconstruction structural activities including survey locations on Singer Realty; OU-1.
- Weeks delivered rough terrain crane to be used for offloading equipment.
- Site visitors included Elizabeth Butler , Ray Basso - USEPA; Allen Evans-ARCADIS
- Completed preconstruction structural survey (ARCADIS personnel) for objects located on the OU-1 flood wall.
- Week's site surveyor continued review of core drill locations and site layout.

Project equipment on site and hours of operation (0600 to 1700)

- Excavator- not utilized.
- Delivery of Grove rough terrain crane – not utilized.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed general safety requirements including working around equipment and near water; spotting trucks, maintaining eye contact.
- Estimated Man hours- 70

Communications:

- Preconstruction Meeting held at ARCADIS, Edison, NJ offices for UPF.

Tomorrow's Planned Activities

- Complete preconstruction survey activities.
- Continue installation of electrical service for Weeks at OU-1.
- Conduct preconstruction survey work at UPF.
- Begin delivery of materials and equipment for use in core drilling activities.

Technical Issues:

- None.

Photo Log:



View looking northeast of completed turn of temporary roadway

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T012-7.28.11 Date: 07/28/11
Contractor (# personnel): Weeks - 2 Magtech-2 DPK- 3	ARCADIS Personnel Bill Jennings Michael Pelenski	Day of Week: <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Andrew Grando Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-hazy; PM-partly cloudy		Temperature: Min. 69F / 87F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Completed preconstruction survey activities at OU-1. Activities included setting of bench marks, confirmation of readings, layout of monitoring structures.
- Completed preconstruction survey including topographic measurements at UPF facility.
- Continued offloading crane mats and equipment for upcoming core drilling work at OU-1. Total of 4 trucks of equipment and materials were unloaded via crane.
- Visitors to the site were : Matt Bowman; Joseph Molina; Rob Reed.

Project equipment on site and hours of operation (0600 to 1700)

- Excavator- not utilized.
- All Terrain 50 T Crane – utilized for offloading mats and equipment.
- Weeks Lift platform – delivered to site.
- 17 foot skiff- not utilized.

Health and Safety:

- Near Miss Incident involving surveyor. Surveyor was found to be walking on floodwall performing work with PFD and no fall protection. NLN filed #2269.Reinforced site procedures. Reviewed ARCADIS JLA for survey work to be performed on UPF property.
- Estimated Man hours- 90

Communications:

- None.

Tomorrow's Planned Activities

- Continue offloading materials and equipment for Weeks at OU-1.
- Continue installation of electrical service for Weeks at OU-1.

Technical Issues:

- None.

Photo Log:



View looking northeast on UPF site



View looking west of crane mats located along the OU-1 flood wall



View of surveyor's instrument along eastern wall of property at OU-1.



View looking northwest of OU-1 flood wall with surveyor markings

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T013-7.29.11 Date: 07/29/11
Contractor (# personnel): Weeks - 1 Magtech-3	ARCADIS Personnel Bill Jennings Michael Pelenski	Day of Week: <u>S M T W T [F] S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Andrew Grando Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM-cloudy / drizzle		Temperature: Min. 75F / 85F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Continued offloading crane mats and equipment for upcoming core drilling work at OU-1. Total of 1 truck of equipment and materials was unloaded via crane.

Project equipment on site and hours of operation (0600 to 1130)

- Excavator- not utilized.
- All Terrain 50 T Crane – utilized for offloading equipment.
- Weeks Lift platform – not utilized.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed site communications policy with site personnel.
- Estimated Man hours- 50

Communications:

- None.

Monday's Planned Activities

- Week's safety meeting at Cranford office.
- Continue installation of electrical service for Weeks at OU-1.

Technical Issues:

- None.

Photo Log:



View of offloaded equipment from truck to be used for core operations.



View of lifting gear used for off loading crane mats.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T214-04.01.12 <u>Date:</u> 04/01/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Zach McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: Matt Creamer		
Weather: AM- Overcast		Temperature: Min. 43F / 51F Max. Wind: 0-5MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
 - Estimated Volume today- 0 CY
 - Estimated volume to date- 10648 CY
 - Significant items- No work.
- Sediment processing
 - Estimated slurry volume – 0 gallons
 - Estimated slurry volume to date- 9,863,654 gallons
 - Significant items- completed processing prior to midnight; spent morning cleaning/maintenance.
- Water treatment
 - Estimated gallons processed – 84,443 gallons
 - Estimated gallons discharged – 63,077 gallons
 - Estimated gallons processed to date – 10728,335 gallons
 - Significant items- shutdown at 0630 after performing maintenance activities.
- Disposal
 - Material shipped off site – 5 filter cake ; 0 coarse solids container
 - Material shipped off site to date – 275 containers
 - Significant items- As of 4/1/12, 240 containers shipped via railcar
- Visitors to the site included: None.

Project hours of operation 0000 to 0700

Health and Safety:

- No incidents.

Communications: Daily operations meeting held at 0745 on Monday at UPF.

Tomorrow's Planned Activities

- Resume normal operations.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T215-04.02.12 <u>Date:</u> 04/02/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Zach McCoy Evonna Crudup Michael Pelenski Tom O'Rourke	Temperature: Min. 41F / 59F Max. Wind: 0-30MPH
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- Sunny ; PM- Sunny		

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8,11 lift 1 – EM)
 - Estimated Volume today- 1,193 cubic yards
 - Estimated volume to date- 11,841 cubic yards
 - Significant items- Dredge bucket swivel broke at 1800; skiff motor fixed.
- Sediment processing
 - Estimated slurry volume – 399,428 gallons
 - Estimated slurry volume to date- 10,263,082 gallons
 - Significant items- Held up from processing until 1400 due to no materials; jet pump issues.
- Water treatment
 - Estimated gallons processed – 379,545 gallons
 - Estimated gallons discharged – 279,49 gallons
 - Estimated gallons processed to date – 11,107,880 gallons
 - Significant items- backwashed all process vessels.
- Disposal
 - Material shipped off site – 7 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 281 containers
 - Significant items- no events.
- Continued air monitoring.
- Performed weekly optical survey monitoring on wall.
- Visitors to the site included: None.

Project hours of operation 0600 to 2400

Health and Safety:

- No incidents.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Routine daily operations.

Technical Issues: None



Stockpiled materials in debris barge.



Weeks personnel taking apart environmental bucket swivel.



Ongoing work along SW wall of enclosure.



View of broken swivel from dredge bucket.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T216-04.03.12 <u>Date:</u> 04/03/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Scott Campbell Tony Taylor Michael Pelenski Craig Burns Tom O'Rourke Jake Suer Zach McCoy Evonna Crudup	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 39F / 67F Max. Wind: 5-20MPH

Contractor's Activities, Visitors, Remarks:

- Dredging
 - Estimated Volume today- 508 cubic yards
 - Estimated Volume to date- 12,349 cubic yards
- Sediment processing
 - Estimated slurry volume – 445,658 gallons
 - Estimated slurry volume to date- 10,708,740 gallons
- Water treatment
 - Estimated gallons processed – 545,483 gallons
 - Estimated gallons discharged – 494,187 gallons
 - Estimated gallons processed to date – 11,653,363 gallons
- Disposal
 - Material shipped off site – 23 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 305 containers
- Continued air monitoring.
- Visitors to the site included: Weeks Senior Management; Cooperating Parties Group.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Routine daily operations.

Technical Issues: None



Loading materials into hopper.



Engineers inspecting enclosure.



New yard truck towed to site.



Perimeter dust monitoring station.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T217-04.04.12 <u>Date:</u> 04/04/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Scott Campbell Tony Taylor Michael Pelenski Craig Burns Tom O'Rourke Jake Suer Zach McCoy Evonna Crudup	<u>ARCADIS Construction Supervisor:</u> Coleman King <u>Contractor's Supervisor:</u> Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano <u>Owner Representatives:</u> Jack Rodak; Vinny Albanese; Nick Mucci <u>USEPA/USACE Representatives:</u> Matt Creamer, Ken Maley, Michael Hoppe
Weather: AM- Drizzle, Partly cloudy, Sunny ; PM- Sunny		Temperature: Min. 48F / 71F Max. Wind: 0-25MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 9 lift 1 – EM)
 - Estimated Volume today- 546 cubic yards
 - Estimated volume to date- 12,895 cubic yards
 - Significant items- Encountered significant increase in debris.
- Sediment processing
 - Estimated slurry volume – 485,020 gallons
 - Estimated slurry volume to date- 11,193,760 gallons
 - Significant items- Shut down at 2320 due to mechanical problems (dredge solids); repaired cylinder for excavator.
- Water treatment
 - Estimated gallons processed – 475,624 gallons
 - Estimated gallons discharged – 376,975 gallons
 - Estimated gallons processed to date – 12,128,987 gallons
 - Significant items- significant increase in flow rates for processing to accomodate increased debris loading.
- Disposal
 - Material shipped off site – 12 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 318 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: None

Project hours of operation 0000 to 2400

Health and Safety:

- No incidents.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Routine daily operations.

Technical Issues: None



Material being loaded into grizzly and hopper.



Debris barge materials.



View of new yard tractor.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T218-04.05.12 <u>Date:</u> 04/05/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Adam Green Tom O'Rourke Zach McCoy Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler, Michael Hoppe		
Weather: AM- Partly cloudy ; PM- Sunny		Temperature: Min. 45F / 60F Max. Wind: 5-25MPH

Contractor's Activities, Visitors, Remarks:

- Dredging
 - Estimated Volume today- 674 cubic yards
 - Estimated volume to date- 13,569 cubic yards.
- Sediment processing
 - Estimated slurry volume – 632,692 gallons
 - Estimated slurry volume to date- 11,826,452 gallons
- Water treatment
 - Estimated gallons processed – 643,206 gallons
 - Estimated gallons discharged – 557,243 gallons
 - Estimated gallons processed to date – 14,222,839 gallons
- Disposal
 - Material shipped off site – 10 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 330 containers
- Continued air monitoring.
- Visitors to the site included: None

Project hours of operation 0000 to 2400

Health and Safety:

- No incidents.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Routine daily operations.

Technical Issues: None



Debris above the hopper for processing.



Preparing compliance water treatment samples for laboratory analysis.



View of filter cake from conveyor.



Debris collected in the barge awaiting disposition.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T219-04.06.12 <u>Date:</u> 04/06/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell <div style="float: right; text-align: right;"> Zach McCoy Adam Green Jake Suer </div>	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Saturday Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 6C / 17C Max. Wind: 0-3 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 12 lift 1 – EM)
 - Estimated Volume today- 673 cubic meters
 - Estimated volume to date- 11,047 cubic meters
 - Significant items- Safely handled unknown air cylinder.
- Sediment processing
 - Estimated slurry volume – 2,330 cubic meters
 - Estimated slurry volume to date- 47,093 cubic meters
 - Significant items- Increased flow rates to minimize pipe blockage.
- Water treatment
 - Estimated cubic meters processed – 2,616 cubic meters
 - Estimated cubic meters discharged – 1,842 cubic meters
 - Estimated cubic meters processed to date – 50,959 cubic meters
 - Significant items- Shut down twice due to high (CM/hr) incoming water flows.
- Disposal
 - Material shipped off site – 14 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 348 containers
 - Significant items- ARCADIS handled multiple coarse solids boxes with water.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- At approximately 0950, a large unidentifiable compressed gas cylinder was dredged out of the Passaic River along the head wall in cell 12. The cylinder is weathered and most likely anhydrous ammonia. The container was placed in water, blocked and protected from the sun. ARCADIS has requested from Clean Harbors a detailed description of how to handle, treat (if necessary) and dispose of the cylinder properly. Pictures are attached to the report.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities *Normal* daily operations.

Technical Issues: None



View of dredge bucket carrying unknown cylinder.



Close up of cylinder head with tag and valve.



**View of Skiff with water and unknown container.
Wood is providing shade from sun.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T220-04.07.12 <u>Date:</u> 04/07/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Scott Campbell Michael Pelenski Zach McCoy Evonna Crudup	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Michael Hoppe		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 41F / 63F Max. Wind: 5-25MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 11,7 lift 1 – EM)
 - Estimated Volume today- 947 cubic yards
 - Estimated volume to date- 15,396 cubic yards
 - Significant items- completed cell 11, started on cell 7.
- Sediment processing
 - Estimated slurry volume – 676,016 gallons
 - Estimated slurry volume to date- 13,117,989 gallons
- Water treatment
 - Estimated gallons processed – 759,475 gallons
 - Estimated gallons discharged – 600,432 gallons
 - Estimated gallons processed to date – 14,222,839 gallons
 - Significant items- had to shut down twice due to high flow rates.
- Disposal
 - Material shipped off site – 26 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 375 containers
 - Significant items- None.
- Continued personnel air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Backwash carbon vessels - Easter

Technical Issues: None



Removing materials from barge.



Debris barge.



View of SECI barge along northeast wall.



SECI loading material into the hopper.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T221-04.08.12 <u>Date:</u> 04/08/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Zach McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 43F / 70F Max. Wind: 5-25MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (no dredging)
 - Estimated Volume today- 0 cubic yards
 - Estimated volume to date- 15,396 cubic yards
 - Significant items- No activities today.
- Sediment processing
 - Estimated slurry volume – 0 gallons
 - Estimated slurry volume to date- 13,117,989 gallons
 - Significant items- No processing after midnight.
- Water treatment
 - Estimated gallons processed – 175,141 gallons
 - Estimated gallons discharged – 139,161 gallons
 - Estimated gallons processed to date – 14,397,980 gallons
 - Significant items- backwashed all process vessels.
- Disposal
 - Material shipped off site – 11 filter cake ; 0 coarse solids containers
 - Material shipped off site to date – 379 containers
 - Significant items- none.
- Visitors to the site included: None.

Project hours of operation 0000 to 1500

Health and Safety:

- No incidents.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Resume full scale operations

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T222-04.09.12 <u>Date:</u> 04/09/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell	Tom O'Rourke Zach McCoy Adam Green Jake Suer
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Mike Hoppe		
Weather: AM- Sunny ; PM- Partly cloudy		Temperature: Min. 49F / 64F Max. Wind: 5-35 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 7 lift 1 – EM)
 - Estimated Volume today- 612 cubic yards
 - Estimated volume to date- 16,008 cubic yards
 - Significant items- Cable snapped on spud winch. Difficulty maneuvering barges in high winds.
- Sediment processing
 - Estimated slurry volume – 377,238 gallons
 - Estimated slurry volume to date- 13,495,226 gallons
 - Significant items- Unable to place absorbent in coarse solids containers due to high winds for most of day.
- Water treatment
 - Estimated gallons processed – 359,735 gallons
 - Estimated gallons discharged – 324,030 gallons
 - Estimated gallons processed to date – 14,757,715 gallons
 - Significant items- performed generator maintenance during barge turnaround in PM.
- Disposal
 - Material shipped off site – 13 filter cake ; 0 coarse solids containers
 - Material shipped off site to date – 392 containers
 - Significant items- safety issues with tarps and high winds.
- Continued air monitoring.
- Performed optical monitoring of the OU-1 site.
- Visitors to the site included: None

Project hours of operation 0000 to 2400

Health and Safety:

- High winds forced detailed review of tarping operations for containers due to safety concerns. Additional personnel from SECI assisted CHESD in the tarping operations until winds died down.
- Cable from winch for the spud broke requiring repairs to the cable. Second incident involving the cable. Weeks reviewed information and circumstances with engineers for follow up.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Routine daily operations.

Technical Issues: None



View of fender at very low tide event.



**Close up of dredge barge
alongside northern enclosure wall.**



**View of material inside barge in
process of being loaded into grizzly.**



**View of sulphur dioxide cylinder washed up
alongside outside of enclosure.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T223-04.10.12 Date: 04/10/12 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks SECI CHESW CHESD Hometown Security	ARCADIS Personnel William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell	Tom O'Rourke Zach McCoy Adam Green Jake Suer
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Jim Christafano; Justin Lis Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley; Mike Hoppe		
Weather: AM- Sunny ; PM- Partly cloudy ,drizzle		Temperature: Min. 42F / 63F Max. Wind: 5-25 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 7,10 lift 1 – EM)
 - Estimated Volume today- 1,036 cubic yards
 - Estimated volume to date- 17,044 cubic yards
 - Significant items- none.
- Sediment processing
 - Estimated slurry volume – 853,276 gallons
 - Estimated slurry volume to date- 14,348,502 gallons
 - Significant items- none.
- Water treatment
 - Estimated gallons processed – 717,033 gallons
 - Estimated gallons discharged – 639,407 gallons
 - Estimated gallons processed to date – 15,474,748 gallons
 - Significant items- sampling.
- Disposal
 - Material shipped off site – 20 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 414 containers
 - Significant items- none.
- Continued air monitoring.
- Performed performance monitoring sampling for water treatment.
- Visitors to the site included: Matt Bowman, Joe Molina (ARCADIS); Paul Bluestein, Enrique Castro (Tierra); Mitchell Bronfman (Beazer East).

Project hours of operation 0000 to 2400

Health and Safety: No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Routine daily operations.

Technical Issues: None



ARCADIS staff downloading tide data.



Close up of debris within barge.



View of Weeks removing material from a scow.



View of SECI loading material into the grizzly hopper.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T224-04.11.12 <u>Date:</u> 04/11/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell	Tom O'Rourke Zach McCoy Adam Green Jake Suer
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley, Mike Hoppe		
Weather: AM- Partly Cloudy ; PM- Partly Cloudy		Temperature: Min. 44F / 54F Max. Wind: 6-16 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 1 – EM)
 - Estimated Volume today- 614 cubic yards
 - Estimated volume to date- 17,658 cubic yards
 - Significant items- Loaded out 2 barges.
- Sediment processing
 - Estimated slurry volume – 788,025 gallons
 - Estimated slurry volume to date- 15,136,527 gallons
 - Significant items- No significant downtime.
- Water treatment
 - Estimated gallons processed – 904,251 gallons
 - Estimated gallons discharged – 790,187 gallons
 - Estimated gallons processed to date – 16,378,995 gallons
 - Significant items- Incoming water quality at 50 ntu.
- Disposal
 - Material shipped off site – 23 filter cake ; 3 coarse solids containers
 - Material shipped off site to date – 440 containers
 - Significant items- first coarse solids containers arrived at disposal site.
- Continued air monitoring.
- Finalized plans for debris off loading.
- Visitors to the site included: Bob Conger (Celanese); Matt Bowman, Joe Molina (ARCADIS).

Project hours of operation 0000 to 2400

Health and Safety:

- No issue. Meeting set up for Monday with USEPA to review procedures associated with hazardous sediments dredging.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Routine daily operations.

Technical Issues: None



View of dredge barge digging in cell #10.



Close up of sediment inside a scow.



View of Weeks crew performing soundings off dredge barge.



Coarse solids material being loaded into a container.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T225-04.12.12 <u>Date:</u> 04/12/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tom O'Rourke Tony Taylor Zach McCoy Craig Burns Scott Campbell Michael Pelenski Jake Suer Evonna Crudup Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Ken Maley, Mike Hoppe		
Weather: AM- Sunny ; PM- Partly Cloudy		Temperature: Min. 43F / 62F Max. Wind: 5-20 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 1 – EM)
 - Estimated Volume today- 1,019 cubic yards
 - Estimated volume to date- 18,677 cubic yards
 - Significant items- Loaded out 2 barges.
- Sediment processing
 - Estimated slurry volume – 658,317 gallons
 - Estimated slurry volume to date- 15,794,844 gallons
- Significant items- Connection from barge to pipeline broke inside enclosure and was replaced.
- Water treatment
 - Estimated gallons processed – 688,495 gallons
 - Estimated gallons discharged – 561,858 gallons
 - Estimated gallons processed to date – 17,067,484 gallons
 - Significant items- no significant downtime.
- Disposal
 - Material shipped off site – 20 filter cake ; 3 coarse solids containers
 - Material shipped off site to date – 463 containers
 - Significant items- 453.90 T filter cake.
- Continued air monitoring.
- Finalized plans for debris off loading.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issue.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Begin first off loading of debris barge.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T226-04.13.12 <u>Date:</u> 04/13/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Scott Campbell Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 4C / 17C Max. Wind: 0-2 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 1 ; 10 lift 2 – EM)
 - Estimated Volume today- 265 cubic meters
 - Estimated volume to date- 14,544 cubic meters
 - Significant items- Stopped dredging for barge movements due to equipment breakdown.
- Sediment processing
 - Estimated slurry volume – 2,517 cubic meters
 - Estimated slurry volume to date- 62,300 cubic meters
 - Significant items- Skid steer lost track in debris barge.
- Water treatment
 - Estimated cubic meters processed – 2,668 cubic meters
 - Estimated cubic meters discharged – 2,201 cubic meters
 - Estimated cubic meters processed to date – 67,269 cubic meters
 - Significant items- No significant downtime.
- Disposal
 - Material shipped off site – 20 filter cake ; 2 debris containers
 - Material shipped off site to date – 485 containers
 - Significant items- Began off loading debris; problems with truck availability in afternoon for loading.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety:

- Requested repairs to walkway of enclosure in evening; work to be completed by 0800 on 4/14/12.
- Unknown cylinder found on debris barge during offloading. Cylinder placed in skiff with other unknown cylinder for further evaluation by specialists.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations; complete debris off loading.

Technical Issues: None



View of loading debris into a container at OU-1.



Close up of load out of debris barge at OU-1.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T227-04.14.12 <u>Date:</u> 04/14/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tom O'Rourke Tony Taylor Zach McCoy Craig Burns Scott Campbell Michael Pelenski Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- Sunny ; PM- Partly Cloudy		Temperature: Min. 47F / 70F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 2- EM)
 - Estimated Volume today- 461 cubic yards
 - Estimated volume to date- 19,484 cubic yards
 - Significant items- Assist with skid steer and debris barge; offload same.
- Sediment processing
 - Estimated slurry volume – 698,735 gallons
 - Estimated slurry volume to date- 17,158,499 gallons
- Significant items- Complete repairs on skid steer.
- Water treatment
 - Estimated gallons processed – 769,203 gallons
 - Estimated gallons discharged – 677,634 gallons
 - Estimated gallons processed to date – 18,541,493 gallons
 - Significant items- no significant downtime.
- Disposal
 - Material shipped off site – 14 filter cake ; 5 debris containers
 - Material shipped off site to date – 504 containers
 - Significant items- brake seized with yard tractor.
- Continued air monitoring.
- Completed debris off loading.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issue.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Maintenance activities only.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T228-04.15.12 <u>Date:</u> 04/15/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tom O'Rourke Tony Taylor Zach McCoy Scott Campbell Adam Green	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Partly Cloudy		Temperature: Min. 47F / 70F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (No activity)
 - Estimated Volume today- 0 cubic yards
 - Estimated volume to date- 19,484 cubic yards
- Sediment processing (No activity)
 - Estimated slurry volume – 0 gallons
 - Estimated slurry volume to date- 17,158,499 gallons
- Significant items- completed processing before midnight.
- Water treatment
 - Estimated gallons processed – 0 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 18,541,493 gallons
 - Significant items- backwashed all vessels.
- Disposal
 - Material shipped off site – 0 filter cake ; 0 coarse solids containers
 - Material shipped off site to date – 504 containers
 - Significant items- all containers from Sunday went offsite on Monday.
- Continued air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 1400

Health and Safety:

- No issue.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Routine site operations.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T229-04.16.12 <u>Date:</u> 04/16/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>										
<u>Contractor (# personnel):</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">William Jennings</td> <td style="width: 50%;">Scott Campbell</td> </tr> <tr> <td>Tony Taylor</td> <td>Jake Suer</td> </tr> <tr> <td>Craig Burns</td> <td>Tom O' Rourke</td> </tr> <tr> <td>Michael Pelenski</td> <td>Zach McCoy</td> </tr> <tr> <td>Evonna Crudup</td> <td>Adam Green</td> </tr> </table>	William Jennings	Scott Campbell	Tony Taylor	Jake Suer	Craig Burns	Tom O' Rourke	Michael Pelenski	Zach McCoy	Evonna Crudup	Adam Green	Temperature: Min. 61F / 88F Max. Wind: 5-15 MPH
William Jennings	Scott Campbell											
Tony Taylor	Jake Suer											
Craig Burns	Tom O' Rourke											
Michael Pelenski	Zach McCoy											
Evonna Crudup	Adam Green											
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley, Elizabeth Butler												
Weather: AM- Sunny ; PM- Sunny												

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 lift 2 – EM)
 - Estimated Volume today- 287 cubic yards
 - Estimated volume to date- 19,771 cubic yards
 - Significant items- general cleanup.
- Sediment processing
 - Estimated slurry volume – 647,750 gallons
 - Estimated slurry volume to date- 17,806,249 gallons
 - Significant items- small leak discovered in pipe; to repair tomorrow.
- Water treatment
 - Estimated gallons processed – 749,516 gallons
 - Estimated gallons discharged – 652,661 gallons
 - Estimated gallons processed to date – 19,291,009 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 18 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 523 containers
 - Significant items- none
- Continued air monitoring.
- DPK performed optical survey work.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of empty barge prior to reloading.



Close up of materials inside coarse solids container.



Sediment processing barge with excavator.



Yard tractor at UPF shuttling containers.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T230-04.17.12 <u>Date:</u> 04/17/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>										
<u>Contractor (# personnel):</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">William Jennings</td> <td style="width: 50%;">Scott Campbell</td> </tr> <tr> <td>Tony Taylor</td> <td>Jake Suer</td> </tr> <tr> <td>Craig Burns</td> <td>Tom O' Rourke</td> </tr> <tr> <td>Michael Pelenski</td> <td>Zach McCoy</td> </tr> <tr> <td>Evonna Crudup</td> <td>Adam Green</td> </tr> </table>	William Jennings	Scott Campbell	Tony Taylor	Jake Suer	Craig Burns	Tom O' Rourke	Michael Pelenski	Zach McCoy	Evonna Crudup	Adam Green	<u>Day of Week:</u> <u>S M [T] W T F S</u>
William Jennings	Scott Campbell											
Tony Taylor	Jake Suer											
Craig Burns	Tom O' Rourke											
Michael Pelenski	Zach McCoy											
Evonna Crudup	Adam Green											
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler												
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 63F/ 82F Max. Wind: 5-20 MPH										

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 lift 2 – EM)
 - Estimated Volume today- 286 cubic yards
 - Estimated volume to date- 20,057 cubic yards
 - Significant items- general cleanup; commence new cell; move barges.
- Sediment processing
 - Estimated slurry volume – 377,238 gallons
 - Estimated slurry volume to date- 18,183,487 gallons
 - Significant items- hole in pipe repaired.
- Water treatment
 - Estimated gallons processed – 437,423 gallons
 - Estimated gallons discharged – 354,378 gallons
 - Estimated gallons processed to date – 19,728,432 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 7 filter cake ; 3 coarse solids containers
 - Material shipped off site to date – 528 containers
 - Significant items- first rail cars complete roundtrip from landfill.
- Continued air monitoring.
- DPK performed third party sounding work.
- Visitors to the site included: Paul Bluestein (Tierra); Colonel Anthony Hoffman, Bob Pender, Scott Young, Allen Roos, Gene Urbanik, Neal Kolb (USACE); Russ Winslow, Rick McDonald, Dave Hafner, John Heckel, Dan Mowers, Dave Vosseller (Weeks).

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: Changed dredge sequence based on latest sounding data.



**Moving SECI barge from
west to east end of enclosure.**



**View of contractor installing sheeting
near south side of enclosure wall.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T231-04.18.12 <u>Date:</u> 04/18/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks OSI SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Scott Campbell Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green Ben Clark	
<u>ARCADIS Construction Supervisor:</u> Coleman King <u>Contractor's Supervisor:</u> Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano <u>Owner Representatives:</u> Jack Rodak; Vinny Albanese <u>USEPA/USACE Representatives:</u> Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 50 F / 63F Max. Wind: 0-25 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 lift 2 – EM)
 - Estimated Volume today- 360 cubic yards
 - Estimated volume to date- 20,417 cubic yards
 - Significant items- loaded 2 barges partially.
- Sediment processing
 - Estimated slurry volume – 792,252 gallons
 - Estimated slurry volume to date- 18,975,739 gallons
 - Significant items- pump and generator.
- Water treatment
 - Estimated gallons processed – 672,630 gallons
 - Estimated gallons discharged – 603,914 gallons
 - Estimated gallons processed to date – 20,401,062 gallons
 - Significant items- backwashed filters for 5 hours.
- Disposal
 - Material shipped off site – 14 filter cake ; 4 coarse solids containers
 - Material shipped off site to date – 551 containers
 - Significant items- none.
- Continued air monitoring.
- OSI performed bathymetric survey for cells 6, 8, 9.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of mixed coarse solids container.



Close up of coarse solids container prior to mixing with amendments.



Excavator used by ARCADIS to mix coarse solids containers.



Pump used to send batch lose up of load out of debris barge at OU-1.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T232-04.19.12 <u>Date:</u> 04/19/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Scott Campbell Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Ben Clark	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler, Michael Hoppe		
Weather: AM- Mostly cloudy; PM- Cloudy		Temperature: Min. 49F / 70F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 lift 2 – EM; Area 6 lift 2 - HAZ)
 - Estimated Volume today- 264 cubic yards (50 Haz.)
 - Estimated volume to date- 20,681 cubic yards
 - Significant items- commenced haz dredging at 1805.
- Sediment processing
 - Estimated slurry volume – 803,347 gallons
 - Estimated slurry volume to date- 19,779,086 gallons
 - Significant items- placed some larger motors on sludge mix tanks.
- Water treatment
 - Estimated gallons processed – 919,790 gallons
 - Estimated gallons discharged – 806,150 gallons
 - Estimated gallons processed to date – 21,320,852 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 15 filter cake ; 3 coarse solids containers
 - Material shipped off site to date – 562 containers
 - Significant items- ARCADIS completed remixing of remaining outstanding coarse solids containers.
- Continued air monitoring.
- Visitors to the site included: Paul Bluestein, Fernando Vasquez, Fernando Segovia (Tierra).

Project hours of operation 0000 to 2400

Health and Safety:

- Elevated readings of VOC's were encountered at approximately 2000 at the coarse solids loading area. There is a suspicion there is a calibration problem with the PID used in this circumstances. Readings were sustained with another meter in the 3.5 to 4.0 PPM range for approximately 5 minutes roving the area. Readings to be confirmed with USEPA monitoring station data retrieved on Friday.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Commence hazardous materials processing.

Technical Issues: None



View of coarse solids loading area with containers.



Close up of sheet pile at Sherwin Williams closest to OU-1.



View of the start of hazardous materials dredging within enclosure against the flood wall.



View of enclosure looking east.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T233-04.20.12 <u>Date:</u> 04/20/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Scott Campbell Tony Taylor Jake Suer Craig Burns Michael Pelenski Zach McCoy Evonna Crudup Ben Clark	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese; USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- Cloudy ; PM- Cloudy		Temperature: Min. 7C / 17C Max. Wind: 1-3 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 6 lift 2 – HAZ)
 - Estimated Volume today- 210 cubic meters
 - Estimated volume to date- 16,021 cubic meters
 - Significant items- Switched barges; filled 2 barges; added geofabric to barge.
- Sediment processing
 - Estimated slurry volume – 1,543 cubic meters
 - Estimated slurry volume to date- 76,402 cubic meters
 - Significant items- very difficult debris offloading; cleaned 2nd barge.
- Water treatment
 - Estimated cubic meters processed – 2,620 cubic meters
 - Estimated cubic meters discharged – 1,848 cubic meters
 - Estimated cubic meters processed to date – 83,320 cubic meters
 - Significant items- Switched to batch processing for water discharge (HAZ).
- Disposal
 - Material shipped off site – 10 filter cake ; 3 coarse solids containers
 - Material shipped off site to date – 582 containers
 - Significant items- none
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: none.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues. Slight elevated VOC readings on PID. All ok.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of coarse solids container.



Close up of clean barge ready for change in service to hazardous materials.



View of hazardous materials in barge.



View of processing barge and debris barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T234-04.21.12 <u>Date:</u> 04/21/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Scott Campbell Tony Taylor Jake Suer Craig Burns Michael Pelenski Zach McCoy Evonna Crudup Ben Clark	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- Mostly cloudy; PM- Cloudy; rain		Temperature: Min. 56F / 74F Max. Wind: 0-20 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 6 lift 2 - HAZ)
 - Estimated Volume today- 415 cubic yards
 - Estimated volume to date- 21,370 cubic yards
 - Significant items- continued haz dredging; abandoned soundings.
- Sediment processing
 - Estimated slurry volume – 537,062 gallons
 - Estimated slurry volume to date- 20,937,216 gallons
 - Significant items- significant volume of debris slowing operations.
- Water treatment
 - Estimated gallons processed – 556,966 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 22,570,178 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 10 filter cake ; 3 coarse solids containers
 - Material shipped off site to date – 582 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues. Readings continue to be slightly elevated.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Maintenance; prepare for heavy rain event.

Technical Issues: None



**View of coarse solids loading
area with container.**



Close up of grizzly and hopper.



**View of material removed from scow
and placed in debris barge.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T235-04.22.12 <u>Date:</u> 04/22/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Scott Campbell Jake Suer Zach McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Rain; PM- Rain		Temperature: Min. 46F / 57F Max. Wind: 9-25 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
- Sediment processing
 - Estimated slurry volume – 213,451 gallons
 - Estimated slurry volume to date- 20,937,216 gallons
 - Significant items- no dropping of cake; stored materials in tanks.
- Water treatment
 - Estimated gallons processed – 407,701 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 22,977,879 gallons
 - Significant items- handled storm water.
- Disposal
 - Material shipped off site – 0 filter cake ; 0 coarse solids containers
 - Material shipped off site to date – 586 containers
 - Significant items- none.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- ARCADIS personnel worked with CHESW to handle storm waters (>2 inches).

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Resume normal daily operations.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T236-04.23.12 <u>Date:</u> 04/23/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Ben Clark Jake Suer Tom O' Rourke Zach McCoy	<u>Day of Week:</u> <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- cloudy; drizzle ; PM- partly sunny		Temperature: Min. 42F / 55F Max. Wind: 5-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 6 lift 3 – HAZ)
 - Estimated Volume today- 344 cubic yards
 - Estimated volume to date- 21,714 cubic yards
 - Significant items- spud wire cable broke and was repaired.
- Sediment processing
 - Estimated slurry volume – 299,043 gallons
 - Estimated slurry volume to date- 21,236,258 gallons
 - Significant items- polymer station valve problem corrected.
- Water treatment
 - Estimated gallons processed – 458,349 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 23,436,228 gallons
 - Significant items- Continue with batch processing.
- Disposal
 - Material shipped off site – 4 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 583 containers
 - Significant items- none.
- Continued air monitoring.
- Performed optical survey monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Equipment used for carbon change out.



Very wet coarse solids materials in the container.



Discharge conveyor and containers for filter cake.



Filter press dropping cake.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T237-04.24.12 <u>Date:</u> 04/24/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jeff Gaspar Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green Ben Clark	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- cloudy ; PM- partly sunny		Temperature: Min. 41F / 61F Max. Wind: 5-25 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 6 lift 3,4 – HAZ)
 - Estimated Volume today- 469 cubic yards
 - Estimated volume to date- 22,183 cubic yards
 - Significant items- begin final lift in cell #6.
- Sediment processing
 - Estimated slurry volume – 548,685 gallons
 - Estimated slurry volume to date- 21,784,944 gallons
 - Significant items- 50 % operating time due to batch operations.
- Water treatment
 - Estimated gallons processed – 553,289 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 23,989,517 gallons
 - Significant items- Continue with batch processing.
- Disposal
 - Material shipped off site – 6 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 591 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: Bob Romagnoli, Rob Reed, Mark Gravelding, Andrew Corbin, Mike Benoit, Philip Spadaro (ARCADIS); Bill Ryan, Donald Campbell, Andrew Prophets (National Grid).

Project hours of operation 0000 to 2400

Health and Safety:

- Elevated readings in coarse solids loading area; restrict access to area.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Looking west; Red Bull soccer stadium in background.



Weeks personnel coordinating barge movements.



Preparing to dredge.



Performing a carbon change out from water treatment vessels.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T238-04.25.12 <u>Date:</u> 04/25/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jeff Gaspar Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green Ben Clark	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Elizabeth Butler		
Weather: AM- cloudy ; PM- partly cloudy; drizzle		Temperature: Min. 41F / 65F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 6 lift 4 – HAZ)
 - Estimated Volume today- 359 cubic yards
 - Estimated volume to date- 22,542 cubic yards
 - Significant items- final cleanup of cell-complete.
- Sediment processing
 - Estimated slurry volume – 566,913 gallons
 - Estimated slurry volume to date- 22,351,857 gallons
 - Significant items- 50 % operating time due to batch operations.
- Water treatment
 - Estimated gallons processed – 652,404 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 24,641,921 gallons
 - Significant items- Continue with batch processing.
- Disposal
 - Material shipped off site – 8 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 600 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: Bob Romagnoli, Matt Bowman, Rob Reed, Mark Graveling, Adam Etringer, Philip Spadaro, Matt Biondello, Jason Brien, Nancy Gensky, Margaret Carillo Sheridan (ARCADIS), Mark McLean, Jesse Gallo, Dave Rankin (CHG&E); Neil O' Halloran, Chris Hughes, Vito Mariani(Con Ed) .

Project hours of operation 0000 to 2400

Health and Safety:

- SECI and ARCADIS held a meeting to review and develop site operations plans on the SECI barge. Basis of meeting was to address elevated VOC readings during night time operations.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of empty coarse solids loading bin.



Loading sediment into the hopper.



View of work being performed along the south wall of enclosure.



Removing sediments from against the flood wall in cell #6.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T239-04.26.12 <u>Date:</u> 04/26/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jeff Gaspar Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green Ben Clark	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- cloudy ; PM- partly cloudy; drizzle		Temperature: Min. 40F / 59F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 lift 3 – HAZ)
 - Estimated Volume today- 409 cubic yards
 - Estimated volume to date- 22,951 cubic yards
 - Significant items- slow down due to full barges.
- Sediment processing
 - Estimated slurry volume – 444,601 gallons
 - Estimated slurry volume to date- 22,796,857 gallons
 - Significant items- slow down due to batch operations most of the day.
- Water treatment
 - Estimated gallons processed – 546,234 gallons
 - Estimated gallons discharged – 78,305 gallons
 - Estimated gallons processed to date – 25,188,155 gallons
 - Significant items- Batch samples results received; commenced discharge to Passaic River.
- Disposal
 - Material shipped off site – 7 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 608 containers
 - Significant items- sample pulled for debris classification efforts.
- Continued air monitoring.
- Visitors to the site included: Paul Bluestein (Tierra); Bob Romagnoli, Matt Bowman, Rob Reed (ARCADIS).

Project hours of operation 0000 to 2400

- Meeting held with Weeks, SECI, ARCADIS, B&C and Tierra to discuss work conditions at the site; specifically elevated concentrations of VOC's necessitating certain areas of the site being upgraded to respiratory protection. It does not appear at this time for this to impact CHESW or Weeks. However, ARCADIS will install additional 5 gas meters within the Weeks work area.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of coarse solids loading area.



Verifying excavation depths with surveyor's rod.



View of mixing sediment in scow.



ARCADIS construction personnel performing sampling of debris in Weeks 216 barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T240-04.27.12 <u>Date:</u> 04/27/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tom O'Rourke Tony Taylor Jake Suer Craig Burns Jeff Gaspar Michael Pelenski Zach McCoy Evonna Crudup Ben Clark	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese; USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 4C / 12C Max. Wind: 1-3 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 lift 3 – HAZ)
 - Estimated Volume today- 230 cubic meters
 - Estimated volume to date- 17,777 cubic meters
 - Significant items- Completed haz. dredge operations for cell #5.
- Sediment processing
 - Estimated slurry volume – 3,256 cubic meters
 - Estimated slurry volume to date- 89,540 cubic meters
 - Significant items- Cleaned both coarse solids screen decks.
- Water treatment
 - Estimated cubic meters processed – 3,178 cubic meters
 - Estimated cubic meters discharged – 1,848 cubic meters
 - Estimated cubic meters processed to date – 98,515 cubic meters
 - Significant items- Backwashed carbon vessels.
- Disposal
 - Material shipped off site – 13 filter cake
 - Material shipped off site to date – 621 containers
 - Significant items- Making final arrangements for offloading on Sunday.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: none.

Project hours of operation 0000 to 2400

Health and Safety:

- Respirator protection was required on the filter press deck during operations.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities No dredging; both barges full of Haz material.

Technical Issues: None



View of hazardous materials being placed in barge.



View of loaded barge.



View of hazardous materials unloading.



View of containers stockpiled at UPF for Sunday debris removal.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T241-04.28.12 <u>Date:</u> 04/28/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Scott Campbell Tony Taylor Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- Mostly cloudy; PM- Sunny		Temperature: Min. 38F / 61F Max. Wind: 5-15MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
 - Estimated Volume today- 0 cubic yards
 - Estimated volume to date- 23,252 cubic yards
 - Significant items- no dredging; switch out of barges for debris offloading.
- Sediment processing
 - Estimated slurry volume – 734,134 gallons
 - Estimated slurry volume to date- 24,390,736 gallons
 - Significant items- Sediment processing had to stop due to reaching capacity of water treatment; repairs to excavator on barge.
- Water treatment
 - Estimated gallons processed – 805,634 gallons
 - Estimated gallons discharged – 590,867 gallons
 - Estimated gallons processed to date – 26833,353 gallons
 - Significant items- Shut down system to backwash carbon.
- Disposal
 - ESTIMATED Material shipped off site – 19 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 641 containers
 - Significant items- Final arrangements made for offloading debris. CHESD to use EPIC containers.
- Continued air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- Elevated readings of VOC's were encountered at approximately 0400 at the SECI debris barge.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Off load debris from Weeks 216 barge at OU-1.

Technical Issues: None



View of coarse solids container.



Partial tarp on barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T241-04.29.12 <u>Date:</u> 04/29/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Scott Campbell Tony Taylor Tom O' Rourke Michael Pelenski Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Jim Christafano Owner Representatives: Vinny Albanese USEPA/USACE Representatives: Matt Creamer		
Weather: AM- Partly cloudy; PM- Cloudy		Temperature: Min. 34F / 63F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (None)- offloaded debris from Weeks barge.
- Sediment processing
 - Estimated slurry volume – 106,725 gallons
 - Estimated slurry volume to date- 24,497,462 gallons
 - Significant items- Offloaded debris from Weeks 216 barge; serviced generators; cleaned lines from coarse solids hopper to recirculation pump.
- Water treatment
 - Estimated gallons processed – 295,533 gallons
 - Estimated gallons discharged – 247,161 gallons
 - Estimated gallons processed to date – 27,128,886 gallons
 - Significant items- backwashed carbon vessels.
- Disposal
 - Material shipped off site – 1 filter cake ; 0 coarse solids containers
 - Material shipped off site to date – 637 containers
 - Significant items- Offloaded 9 containers of debris from 216 barge and staged containers at UPF; yard truck broke down, unable to complete sediment processing. Addtl 9 containers to be shipped today from Sat/Sunday.
- Continued air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 1900

Health and Safety:

- Elevated readings of VOC's were encountered during debris removal. Care taken to establish work zone. PID's were utilized in excavator cab and along flood wall.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Normal site operations.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T243-04.30.12 <u>Date:</u> 04/30/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Tom O' Rourke Zach McCoy Adam Green	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley		
Weather: AM- cloudy ; PM- partly cloudy; drizzle		Temperature: Min. 40F / 59F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
 - Estimated Volume today- 0 cubic yards
 - Estimated volume to date- 23,252 cubic yards
 - Significant items- no barges available for EM materials.
- Sediment processing
 - Estimated slurry volume – 131,558 gallons
 - Estimated slurry volume to date- 24,629,019 gallons
 - Significant items- Processing lines and equipment clogged with product and sediments; cleaned same.
- Water treatment
 - Estimated gallons processed – 133,184 gallons
 - Estimated gallons discharged – 106,966 gallons
 - Estimated gallons processed to date – 27,262,070 gallons
 - Significant items- Water consumption high due to cleaning of lines.
- Disposal
 - Material shipped off site – 9 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 647 containers
 - Significant items- most containers from Saturday/Sunday operations; Yard tractor repaired.
- Continued air monitoring.
- Performed optical survey work.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of materials inside process line in coarse solids loading area.



View of SECI personnel inspecting process lines.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T244-05.01.12 <u>Date:</u> 05/01/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jeff Gaspar Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- rain, cloudy ; PM- partly cloudy		Temperature: Min. 55F / 67F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 4 lift 2,3 – EM)
 - Estimated Volume today- 525 cubic yards
 - Estimated volume to date- 23,777 cubic yards
 - Significant items- none.
- Sediment processing
 - Estimated slurry volume – 612,351 gallons
 - Estimated slurry volume to date- 25,241,370 gallons
 - Significant items- Stopped operating for a period of time due to fire (see below).
- Water treatment
 - Estimated gallons processed – 731,616 gallons
 - Estimated gallons discharged – 530,836 gallons
 - Estimated gallons processed to date – 27,993,686 gallons
 - Significant items- None.
- Disposal
 - Material shipped off site – 12 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 660 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: Paul Bluestein (Tierra); Greg Ertel (ARCADIS).

Project hours of operation 0000 to 2400

Project hours of operation 0000 to 2400

Health and Safety:

- At approximately 2145 in the evening, a small fire broke out on the Weeks 216 debris barge. The origin was unknown. A significant volume of water was added to the material and kept intact within the barge. A fire watch commenced and was in place until morning. A near loss incident report will be filed.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of grapple for handling debris.



Debris inside Weeks 216 barge.



View of full barge of EM material.



Full tarped barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T245-05.02.12 <u>Date:</u> 05/02/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks OSI SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jeff Gaspar Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- rain, cloudy ; PM- drizzle; partly cloudy		Temperature: Min. 51F / 58F Max. Wind: 0-5 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
 - Estimated Volume today- 0 cubic yards
 - Estimated volume to date- 23,777 cubic yards
 - Significant items- No dredging due to debris barge problems.
- Sediment processing
 - Estimated slurry volume – 281,607 gallons
 - Estimated slurry volume to date- 25,522,977 gallons
 - Significant items- Processing did not commence until 1700 from SECI barge.
- Water treatment
 - Estimated gallons processed – 414,305 gallons
 - Estimated gallons discharged – 354,228 gallons
 - Estimated gallons processed to date – 28,407,991 gallons
 - Significant items- none
- Disposal
 - Material shipped off site – 5 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 666 containers
 - Significant items- none.
- Continued air monitoring.
- OSI on site to perform sound monitoring during dredging. Since no dredging occurred, plan extended one day.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- Meeting held with USEPA, Weeks, SECI, ARCADIS, B&C and Tierra to discuss work conditions at the site; specifically a path moving forward to handle white phosphorus located in the weeks 216 debris barge. Reviewed written procedures with all, USEPA provided phosphine meter to compliment ARCADIS 5 gas meter. Objective was to mix materials on barge to make them inert. ARCADIS site personnel performed the work. Work completed at approximately 1830. As a precautionary measure due to wind conditions, no dredging activities could commence until all mixing was completed. SECI barge work was suspended until such time it was determined that workers could safely return, even though they were

upwind of the mixing operation.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of Weeks dredging equipment looking west.



Small piece of white phosphorus igniting in 216 debris barge.



View of mixed debris in Weeks 216 debris barge.



SECI sediment processing equipment ready to begin operations.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T246-05.03.12 <u>Date:</u> 05/03/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks OSI SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jeff Gaspar Tony Taylor Jake Suer Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Adam Green Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- rain ; PM- rain		Temperature: Min. 51F / 58F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 4 lift 2,3 – EM)
 - Estimated Volume today- 1,051 cubic yards
 - Estimated volume to date- 24,828 cubic yards
 - Significant items- loaded two barges.
- Sediment processing
 - Estimated slurry volume – 692,395 gallons
 - Estimated slurry volume to date- 26,215,372 gallons
 - Significant items- slow down due to carbon change out.
- Water treatment
 - Estimated gallons processed – 697,066 gallons
 - Estimated gallons discharged – 581,862 gallons
 - Estimated gallons processed to date – 29,105,057 gallons
 - Significant items- Ran system at slightly lower rates due to carbon change out.
- Disposal
 - Material shipped off site – 11 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 678 containers
 - Significant items- CHES began developing plan for removal of haz debris located on land.
- Continued air monitoring.
- OSI performed sound monitoring of dredge operations.
- Commenced removal/replacement of approximately 80,000 lbs. of carbon.
- Removed haz debris from Weeks 216 barge and placed on land for easier access.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety:

- Downgraded all respirator protection zones at UPF based on documented air monitoring readings for VOCs.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of SECI's sediment processing barge.



Filling barge with EM material.



View of empty debris barge.



Haz debris loaded out and placed on land for easy access.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T247-05.04.12 Date: 05/04/12 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks SECI CHESW CHESD Hometown Security	ARCADIS Personnel William Jennings Tom O'Rourke Jeff Gaspar Jake Suer Craig Burns Adam Green Michael Pelenski Zach McCoy Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley, Michael Hoppe		
Weather: AM- Mostly Cloudy ; PM- Partly Cloudy		Temperature: Min. 12C / 22C Max. Wind: 1-2 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 4/5 lift 4 – EM)
 - Estimated Volume today- 315 cubic meters
 - Estimated volume to date- 19,217 cubic meters
 - Significant items- awaited empty barge.
- Sediment processing
 - Estimated slurry volume – 2,817 cubic meters
 - Estimated slurry volume to date- 102,042 cubic meters
 - Significant items- made minor adjustments to process to hold more water.
- Water treatment
 - Estimated cubic meters processed – 3,065 cubic meters
 - Estimated cubic meters discharged – 2,817 cubic meters
 - Estimated cubic meters processed to date – 113,228 cubic meters
 - Significant items- Issues with feed pumps- to address Sunday.
- Disposal
 - ESTIMATED Material shipped off site – 20 filter cake ; 1 coarse solid
 - ESTIMATED Material shipped off site to date – 699 containers
 - Significant items- due to volume of material on site in containers awaiting disposition, chassis are becoming more difficult to obtain. CHES working on solution.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: Adam Chwalibog (ARCADIS).

Project hours of operation 0000 to 2400

Health and Safety: No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal site operations.

Technical Issues:

- Nicholson was on site to perform an inspection of tiebacks t-30 and t-37. Decision made to leave t-30 as is and await inspection report on t-37 to determine if the tieback needs to be retensioned.



View of spare filter bag housing.



Loading the hopper with EM materials.



Equipment preparing for day's activities.



Reviewing inclinometer data.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T248-05.05.12 <u>Date:</u> 05/05/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Craig Burns Michael Pelenski Adam Green Scott Campbell Tom O' Rourke Zach McCoy	<u>Day of Week:</u> <u>S M T W T F [S]</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Ken Maley, Michael Hoppe		
Weather: AM- drizzle; mostly cloudy ; PM- cloudy, clear		Temperature: Min. 56F / 75F Max. Wind: 5-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 4,5 lift 4– EM)
 - Estimated Volume today- 412 cubic yards
 - Estimated volume to date- 25,652 cubic yards
 - Significant items- awaited barge for loading.
- Sediment processing
 - Estimated slurry volume – 827,123 gallons
 - Estimated slurry volume to date- 27,786,667 gallons
 - Significant items- await pump rework for WT. Slower processing due to high clay content of material.
- Water treatment
 - Estimated gallons processed – 864,545 gallons
 - Estimated gallons discharged – 764,728 gallons
 - Estimated gallons processed to date – 30,779,372 gallons
 - Significant items- Ran system at slightly lower rates- scheduling maintenance.
- Disposal
 - Material shipped off site – 19 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 718 containers
 - Significant items- CHES changed out daytime site operations personnel.
- Continued air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Maintenance at UPF only.

Technical Issues: None



High organics loading in coarse solids area from 10 to 12 foot below grade.



Containers with hazardous debris awaiting disposition.



View of turbidity reading taken on WT discharge line.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T249-05.06.12 <u>Date:</u> 05/06/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor :</u> SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Tom O' Rourke Zach McCoy Scott Campbell	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: Matt Creamer		
Weather: AM- mostly cloudy ; PM- sunny		Temperature: Min. 52F / 65F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
- Sediment processing
 - Estimated slurry volume – 0 gallons
 - Estimated slurry volume to date- 27,786,667 gallons
 - Significant items- cleaned lines; sumps.
- Water treatment
 - Estimated gallons processed – 183,162 gallons
 - Estimated gallons discharged – 160,417 gallons
 - Estimated gallons processed to date – 30,962,534 gallons
 - Significant items- emptied pumps of plastic, debris. Operational returned to normal. Other routine maintenance.
- Disposal
 - Material shipped off site – 3 filter cake ; 0 coarse solids containers
 - Material shipped off site to date – 721 containers
 - Significant items- None.

Project hours of operation 0000 to 1800

Health and Safety: No issues

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Resume daily operations.

Technical Issues: None



Frayed grounding wire to be repaired.



**Plastic pieces found inside
impellar of CHESW pump.**



View of cleaned sump near coarse solids loading.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T250-05.07.12 <u>Date:</u> 05/07/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer Tom O' Rourke Zach McCoy Adam Green	<u>Day of Week:</u> <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley, Elizabeth Butler		
Weather: AM- Partly cloudy ; PM- partly cloudy		Temperature: Min. 51F / 64F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 1/2 lift 2,3,4 – EM)
 - Estimated Volume today- 370 cubic yards
 - Estimated volume to date- 26,022 cubic yards
 - Significant items- loaded one barge partially.
- Sediment processing
 - Estimated slurry volume – 862,257 gallons
 - Estimated slurry volume to date- 8,648,925 gallons
 - Significant items- none.
- Water treatment
 - Estimated gallons processed – 720,358 gallons
 - Estimated gallons discharged – 644,501 gallons
 - Estimated gallons processed to date – 31,682,892 gallons
 - Significant items- system off for 6 hours.
- Disposal
 - Material shipped off site – 8 filter cake ; 0 coarse solids containers
 - Material shipped off site to date – 729 containers
 - Significant items- None.
- Continued air monitoring.
- DPK performed optical monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of SECI's control room panels.



View of debris containers awaiting disposition.



View of unknown cylinder found in sediment.



Brown filter cake.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T251-05.08.12 <u>Date:</u> 05/08/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer Tom O' Rourke Zach McCoy Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley, Matt Creamer, Elizabeth Butler		
Weather: AM- drizzle ; PM- partly cloudy		Temperature: Min. 56F / 73F Max. Wind: 5-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 1/2 lift 4,5 – EM)
 - Estimated Volume today- 843 cubic yards
 - Estimated volume to date- 27,398 cubic yards
 - Significant items- none.
- Sediment processing
 - Estimated slurry volume – 837,689 gallons
 - Estimated slurry volume to date- 30,358,646 gallons
 - Significant items- none.
- Water treatment
 - Estimated gallons processed – 854,253 gallons
 - Estimated gallons discharged – 711,815 gallons
 - Estimated gallons processed to date – 33,453,876 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 27 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 781 containers
 - Significant items- none
- Continued air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



ARCADIS personnel performing soundings.



Full coarse solids container.



Mixing coarse solids in container.



View of enclosure with Newark in the background.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T252-05.09.12 <u>Date:</u> 05/09/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer Tom O' Rourke Zach McCoy Adam Green Kavin Gandhi	Temperature: Min. 59F / 71F Max. Wind: 0-15 MPH.
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley, Matt Creamer, Michael Hoppe		
Weather: AM- rain ; PM- rain		

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 1/2 lift 4,5 – EM)
 - Estimated Volume today- 533 cubic yards
 - Estimated volume to date- 26,555 cubic yards
 - Significant items- none
- Sediment processing
 - Estimated slurry volume – 872,032 gallons
 - Estimated slurry volume to date- 27,786,667 gallons
 - Significant items- record input for operations today.
- Water treatment
 - Estimated gallons processed – 916,731 gallons
 - Estimated gallons discharged – 826,214 gallons
 - Estimated gallons processed to date – 32,599,623 gallons
 - Significant items- Ran system at very high throughput- no issues.
- Disposal
 - Material shipped off site – 20 filter cake ; 3 coarse solids containers
 - Material shipped off site to date – 752 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: Andy Johnson, Alain Hebert, Matt Wetzel (ARCADIS), Dustin Winn (Abscope).

Project hours of operation 0000 to 2400

Health and Safety:

- Corporate safety stewardship audit performed by Alain Hebert and Andy Johnson with ARCADIS.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of coarse solids in container.



SECI filling hopper with material.



View of almost full scow.



Preparing to dredge material.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T253-05.10.12 <u>Date:</u> 05/10/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor :</u> Weeks Vibrattech SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell	Jake Suer Tom O' Rourke Zach McCoy Adam Green
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley, Michael Hoppe		
Weather: AM- rain ; PM- drizzle		Temperature: Min. 52F / 67F Max. Wind: 5-25 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 2/3 lift 4,5 – EM)
 - Estimated Volume today- 390 cubic yards
 - Estimated volume to date- 27,788 cubic yards
 - Significant items- performed maintenance on bucket most of day.
- Sediment processing
 - Estimated slurry volume – 669,412 gallons
 - Estimated slurry volume to date- 31,028,058 gallons
 - Significant items- no issues.
- Water treatment
 - Estimated gallons processed – 785,886 gallons
 - Estimated gallons discharged – 605,160 gallons
 - Estimated gallons processed to date – 34,239,762 gallons
 - Significant items- stopped 2 hours due to backwash.
- Disposal
 - Material shipped off site – 27 filter cake ; 4 coarse solids containers
 - Material shipped off site to date – 812 containers
 - Significant items- record disposal day.
- Continued air monitoring.
- Vibrattech installed 4 seismic monitoring devices.
- Visitors to the site included: Paul Bluestein (Tierra), Dan Ambrio, Rae Rotindo (TEI).

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of material to be processed.



Vibration device mounted on a king pile.



View of vibration monitors.



Tarping a filter cake container.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T254-05.11.12 <u>Date:</u> 05/11/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Nick Harmer Jake Suer Craig Burns Adam Green Michael Pelenski Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese, Nick Mucci USEPA/USACE Representatives: Ken Maley, Michael Hoppe		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 9C / 22C Max. Wind: 1-2 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 2/3 lift 2/3 – EM)
 - Estimated Volume today- 757 cubic meters
 - Estimated volume to date- 22,022 cubic meters
 - Significant items- loaded two barges.
- Sediment processing
 - Estimated slurry volume – 2,975 cubic meters
 - Estimated slurry volume to date- 120,416 cubic meters
 - Significant items- discovered small hole in slurry pump casing.
- Water treatment
 - Estimated cubic meters processed – 3,144 cubic meters
 - Estimated cubic meters discharged – 2,668 cubic meters
 - Estimated cubic meters processed to date – 132,742 cubic meters
 - Significant items- None
- Disposal
 - Material shipped off site – 22 filter cake ; 6 coarse solid
 - Material shipped off site to date – 840 containers
 - Significant items- ARCADIS completed inspection work of 9 debris containers. Containers await disposal solution.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: None (ARCADIS).

Project hours of operation 0000 to 2400

Health and Safety: No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal site operations.

Technical Issues: None



Yard tractor taking empty container to coarse solids loading area.



View of filter press deck.



Debris container looking towards coarse solids loading area.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T255-05.12.12 <u>Date:</u> 05/12/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Tony Taylor Jake Suer Craig Burns Evonna Crudup Adam Green Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley, Michael Hoppe		
Weather: AM- Sunny ; PM- Clear		Temperature: Min. 53F / 74F Max. Wind: 5-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 lift 4 – EM)
 - Estimated Volume today- 433 cubic yards
 - Estimated volume to date- 29,201 cubic yards
 - Significant items- loaded single barge.
- Sediment processing
 - Estimated slurry volume – 626,352 gallons
 - Estimated slurry volume to date- 32,440,321 gallons
 - Significant items- ordered new barge slurry pump housing from Netherlands; expected arrival date is Monday.
- Water treatment
 - Estimated gallons processed – 754,699 gallons
 - Estimated gallons discharged – 635,368 gallons
 - Estimated gallons processed to date – 35,825,281 gallons
 - Significant items- Backwashing performed in early morning.
- Disposal
 - Material shipped off site – 21 filter cake ; 8 coarse solids containers
 - Material shipped off site to date – 869 containers
 - Significant items- Continued high percentage of coarse solids as compared to before.
- Continued air monitoring.
- Site began preparations for next week's visitors.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held on Monday at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of SECI's slurry pump with temporary repair.



Coarse sand solids being exposed to the sun for bleaching purposes.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T256-05.14.12 <u>Date:</u> 05/14/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer nick Harmer Zach McCoy Adam Green	Temperature: Min. 63F / 71F Max. Wind: 0-15 MPH.
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- partly cloudy ; PM- drizzle		

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 5 final lift – EM)
 - Estimated Volume today- 672 cubic yards
 - Estimated volume to date- 29,873 cubic yards
 - Significant items- almost complete cell #5.
- Sediment processing
 - Estimated slurry volume – 777,458 gallons
 - Estimated slurry volume to date- 33,217,779 gallons
 - Significant items- no issues.
- Water treatment
 - Estimated gallons processed – 641,519 gallons
 - Estimated gallons discharged – 554,879 gallons
 - Estimated gallons processed to date – 36,603,063 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 12 filter cake ; 1 coarse solids containers
 - Material shipped off site to date – 885 containers
 - Significant items- none
- Continued air monitoring.
- DPK performed optical survey monitoring.
- SECI performed fit testing for several employees.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of loader delivered for site use.



Stiff clay like material in the barge.



View of debris barge.



Crusher operations next door to OU-1.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T257-05.15.12 <u>Date:</u> 05/15/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer Nick Harmer Zach McCoy Adam Green	<u>Day of Week:</u> <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Ken Maley, Elizabeth Butler		
Weather: AM- rain ; PM- rain		Temperature: Min. 62F / 68F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 5 final lift; 2/3 lift 2,3,4 – EM)
 - Estimated Volume today- 309 cubic yards
 - Estimated volume to date- 30,182 cubic yards
 - Significant items- Weeks employees obtained fit tests and trained to use respirators.
- Sediment processing
 - Estimated slurry volume – 718,019 gallons
 - Estimated slurry volume to date- 33,935,799 gallons
 - Significant items- filled tanks with material during the day.
- Water treatment
 - Estimated gallons processed – 800,463 gallons
 - Estimated gallons discharged – 688,750 gallons
 - Estimated gallons processed to date – 37,403,526 gallons
 - Significant items- none
- Disposal
 - Material shipped off site – 19 filter cake ; 9 coarse solids containers
 - Material shipped off site to date – 913 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: Mark Baron (EQ), Kathleen Haskey (Weeks), Fred Albars (Alko Safety), Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: Week – No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of Tierra lay down yard entrance.



SECI filling grizzly hopper with EM.



View of Tierra lay down yard for materials.



Dredge at west end of enclosure.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T258-05.16.12 <u>Date:</u> 05/16/12 <u>Day of Week:</u> <u>S [M] T [W] T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell	Jake Suer Nick Harmer Zach McCoy Adam Green Katie Nicholson
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Ken Maley, Elizabeth Butler		
Weather: AM- drizzle ; PM- partly cloudy		Temperature: Min. 62F / 82F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 2/3 lift 2,3,4 – EM)
 - Estimated Volume today- 532 cubic yards
 - Estimated volume to date- 30,714 cubic yards
 - Significant items- no issues.
- Sediment processing
 - Estimated slurry volume – 500,342 gallons
 - Estimated slurry volume to date- 34,436,141 gallons
 - Significant items- slurry pump broken, in process of changing out process hose.
- Water treatment
 - Estimated gallons processed – 573,199 gallons
 - Estimated gallons discharged – 482,229 gallons
 - Estimated gallons processed to date – 37,976,725 gallons
 - Significant items- backwashed all filters.
- Disposal
 - Material shipped off site – 7 filter cake ; 8 coarse solids containers
 - Material shipped off site to date – 928 containers
 - Significant items- none.
- Continued air monitoring.
- Visitors to the site included: Rob Reed, Bob Romagnoli, Philip Spadaro, Matt Bowman (ARCADIS), Ben Fidorko (NY Shipping).

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Slurry pump needing replacement.



View of debris in barge.



View of feed barge.



Feeding grizzly on SECI barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T259-05.17.12 <u>Date:</u> 05/17/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer Nick Harmer Zach McCoy Adam Green	Temperature: Min. 54F / 74F Max. Wind: 0-20 MPH.
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Ken Maley, Elizabeth Butler		
Weather: AM- clear ; PM- clear		

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 1- final lift – EM)
 - Estimated Volume today- 553 cubic yards
 - Estimated volume to date- 31,267 cubic yards
 - Significant items- loaded two barges; repaired spud wire.
- Sediment processing
 - Estimated slurry volume – 732,285 gallons
 - Estimated slurry volume to date- 35,168,426 gallons
 - Significant items- processing issues with hydro cyclones.
- Water treatment
 - Estimated gallons processed – 659,579 gallons
 - Estimated gallons discharged – 568,918 gallons
 - Estimated gallons processed to date – 38,636,304 gallons
 - Significant items- system off until 0830 due to lack of material.
- Disposal
 - Material shipped off site – 16 filter cake ; 2 coarse solids; 4 carbon containers
 - Material shipped off site to date – 950 containers
 - Significant items- None.
- Continued air monitoring.
- ARCADIS continued work on transects for final dredge depths.
- Visitors to the site included: Matt Bowman (ARCADIS), Paul Bluestein (Tierra), SWMG (approximately 160 people).

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



SMWG visiting UPF sediment processing.



View of debris in barge.



New installed slurry pump.



Dredging.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T260-05.18.12 <u>Date:</u> 05/18/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Zach McCoy Jake Suer Craig Burns Adam Green Michael Pelenski Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese, Nick Mucci USEPA/USACE Representatives: Ken Maley, Michael Hoppe		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 12C / 21C Max. Wind: 1-3 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 1/4 lift 4 – EM)
 - Estimated Volume today- 757 cubic meters
 - Estimated volume to date- 22,022 cubic meters
 - Significant items- loaded two barges.
- Sediment processing
 - Estimated slurry volume – 2,815 cubic meters
 - Estimated slurry volume to date- 135,927 cubic meters
 - Significant items- none.
- Water treatment
 - Estimated cubic meters processed – 3,057 cubic meters
 - Estimated cubic meters discharged – 2,705 cubic meters
 - Estimated cubic meters processed to date – 149,295 cubic meters
 - Significant items- None
- Disposal
 - Material shipped off site – 16 filter cake ; 3 coarse solid ; 9 debris
 - Material shipped off site to date – 978 containers
 - Significant items- Offloaded 9 debris containers at OU-1.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Begin HAZ dredging activities; move barges.

Technical Issues: None



Backhoe bringing admixture materials to debris unloading site.



View of excavator mixing in debris barge with sediment processing in the background.



Last dredged EM barge prior to going to HAZ material.



Empty debris barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T261-05.19.12 <u>Date:</u> 05/19/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Kavin Gandhi Zach McCoy Adam Green	<u>Day of Week:</u> <u>S M T W T F [S]</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Nick Mucci USEPA/USACE Representatives: Ken Maley, Michael Hoppe		
Weather: AM- sunny ; PM- clear		Temperature: Min. 51F / 78F Max. Wind: 5-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 3,4 – HAZ)
 - Estimated Volume today- 495 cubic yards
 - Estimated volume to date- 32,087 cubic yards
 - Significant items- shifted to HAZ.
- Sediment processing
 - Estimated slurry volume – 319,912 gallons
 - Estimated slurry volume to date- 36,231,982 gallons
 - Significant items- moved to west end; completed all EM production.
- Water treatment
 - Estimated gallons processed – 482,528 gallons
 - Estimated gallons discharged – 435,677 gallons
 - Estimated gallons processed to date – 39,926,496 gallons
 - Significant items- All equipment backwashed; performance sampling performed.
- Disposal
 - ESTIMATED Material shipped off site – 6 filter cake ; 4coarse solids containers
 - ESTIMATED Material shipped off site to date – 960 containers
 - Significant items- none.
- Continued air monitoring.
- ARCADIS performed sound monitoring in west half of enclosure.
- Moved SECI barge to west end of enclosure.
- Moved Weeks 216 debris barge from enclosure wall to SECI area due to late efforts on debris offloading on Friday. Machine maintenance performed.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- All personnel within enclosure wore respiratory protection during dredging operations. Area was downgraded in evening due to cessation of dredging operations; continued processing of EM materials, and low air data readings.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Maintenance activities.

Technical Issues: None



Verifying dredge depths using sounding rod.



Weeks moving SECI barge.



ARCADIS employees posing for their picture in appreciation for receiving the Tierra Solutions hard hat ice cream cone sticker award.



ARCADIS performing soundings while in respiratory protection.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T262-05.21.12 <u>Date:</u> 05/21/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Jake Suer Craig Burns Michael Pelenski Zach McCoy Evonna Crudup Adam Green Scott Campbell Katie Nicholson	<u>ARCADIS Construction Supervisor:</u> Coleman King <u>Contractor's Supervisor:</u> Claude Dion; Justin Lis; Bart Hiemstra; <u>Owner Representatives:</u> Jack Rodak; Vinny Albanese <u>USEPA/USACE Representatives:</u> Ken Maley, Elizabeth Butler
Weather: AM- rain ; PM- rain		Temperature: Min. 59F / 66F Max. Wind: 5-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 3,4 – HAZ)
 - Estimated Volume today- 678 cubic yards
 - Estimated volume to date- 32,765 cubic yards
 - Significant items- none.
- Sediment processing
 - Estimated slurry volume – 698,207 gallons
 - Estimated slurry volume to date- 36,930,189 gallons
 - Significant items- no cake drop until 1100.
- Water treatment
 - Estimated gallons processed – 655,171 gallons
 - Estimated gallons discharged – 610,771 gallons
 - Estimated gallons processed to date – 40,598,412 gallons
 - Significant items- Issues with discharge meter; ordered replacement meter.
- Disposal
 - Material shipped off site – 15 filter cake ; 0 coarse solids
 - Material shipped off site to date – 1,018 containers
 - Significant items- none.
- Continued air monitoring.
- DPK performed optical survey work at OU-1.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: Began respiratory protection at UPF.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Distant shot of sediment processing.



View of dredge on barge.



Discharge conveyor for coarse solids.



Excavator for feeding grizzly.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T263-05.22.12 <u>Date:</u> 05/22/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer Nick Harmer Zach McCoy Adam Green Katie Nicholson	Temperature: Min. 59F / 71F Max. Wind: 5-15 MPH.
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Ken Maley, Elizabeth Butler		
Weather: AM- rain ; PM- rain		

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 3,4 – HAZ)
 - Estimated Volume today- 492 cubic yards
 - Estimated volume to date- 333,257 cubic yards
 - Significant items- none.
- Sediment processing
 - Estimated slurry volume – 744,701 gallons
 - Estimated slurry volume to date- 37,674,889 gallons
 - Significant items- wash press 3; press 4 down for water line repairs.
- Water treatment
 - Estimated gallons processed – 824,732 gallons
 - Estimated gallons discharged – 700,352 gallons
 - Estimated gallons processed to date – 41,423,144 gallons
 - Significant items- Performance samples taken.
- Disposal
 - Material shipped off site – 22 filter cake ; 1 coarse solids
 - Material shipped off site to date – 1,041 containers
 - Significant items- none.
- Continued air monitoring.
- DPK performed optical survey work at OU-1.
- ARCADIS performed transect surveying for final dredge elevations.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: Continue respiratory protection at both sites.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Sediment processing.



View of filter cake discharge.



Newly required parking pass for UPF site.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		File No. T264-05.23.12 Date: 05/23/12 Day of Week: <u>S M T W T F S</u>
Contractor : Weeks SECI CHESW CHESD Hometown Security	ARCADIS Personnel William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Jake Suer Nick Harmer Zach McCoy Adam Green Katie Nicholson	Temperature: Min. 59F / 74F Max. Wind: 0-10 MPH.
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Ken Maley, Elizabeth Butler		
Weather: AM- cloudy/drizzle ; PM- cloudy/ drizzle		

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 10 lift 3,4; Area 8 lift 2 – HAZ)
 - Estimated Volume today- 642 cubic yards
 - Estimated volume to date- 33,899 cubic yards
 - Significant items- small amounts of debris present in cell #8.
- Sediment processing
 - Estimated slurry volume – 673,110 gallons
 - Estimated slurry volume to date- 38,348,000 gallons
 - Significant items- press 4 down for water line repairs.
- Water treatment
 - Estimated gallons processed – 743,329 gallons
 - Estimated gallons discharged – 619,129 gallons
 - Estimated gallons processed to date – 42,166,473 gallons
 - Significant items- New flow meter arrived; to be installed on Thursday morning.
- Disposal
 - Material shipped off site – 22 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,065 containers
 - Significant items- none.
- Continued air monitoring.
- ARCADIS performed transect surveying for final dredge elevations.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: Continue respiratory protection at both sites.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: Reviewed with ARCADIS, B&C, USEPA the decon/ demob and backfill requirements as outlined in various permit equivalents and approved site documents.



View of double contained pipe fusion weld. Upon close examination, weld on pipe itself is ok.



Loading material into a barge.



Material for processing located in a barge.



Feeding materials to the sediment processing unit.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T265-05.24.12 <u>Date:</u> 05/24/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Nick Harmer Zach McCoy Adam Green	<u>Day of Week:</u> <u>S M T W [T] F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese; Nick Mucci USEPA/USACE Representatives: Ken Maley, Elizabeth Butler		
Weather: AM- cloudy/drizzle ; PM- cloudy/ drizzle		Temperature: Min. 63F / 67F Max. Wind: 0-12 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8/9 lift 2,3 – HAZ)
 - Estimated Volume today- 630cubic yards
 - Estimated volume to date- 34,529 cubic yards
 - Significant items- encountering debris.
- Sediment processing
 - Estimated slurry volume – 641,410 gallons
 - Estimated slurry volume to date- 38,989,409 gallons
 - Significant items- repaired press 4.
- Water treatment
 - Estimated gallons processed – 695,847 gallons
 - Estimated gallons discharged – 506,447 gallons
 - Estimated gallons processed to date – 42,862,320 gallons
 - Significant items- New flow meter arrived; to be installed on Thursday morning.
- Disposal
 - Material shipped off site – 20 filter cake ; 1 coarse solids
 - Material shipped off site to date – 1,086 containers
 - Significant items- slight delays due to truck driver availability.
- Continued air monitoring.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: None.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None.



Shipping scale for sample containers.



View of SECI barge control room.



Removing sediment from the enclosure.



View of empty coarse solids mixing container.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T266-05.25.12 <u>Date:</u> 05/25/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Zach McCoy Jake Suer Katie Nicholson Craig Burns Adam Green Michael Pelenski Nick Harmer Evonna Crudup Tony Taylor	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley		
Weather: AM- Drizzle, Sunny ; PM- Sunny, drizzle		Temperature: Min. 12C / 21C Max. Wind: 1-3 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8/9 lift 2/3 – HAZ)
 - Estimated Volume today- 337 cubic meters
 - Estimated volume to date- 26,736 cubic meters
 - Significant items- moved barges for skid steer access.
- Sediment processing
 - Estimated slurry volume – 1,615 cubic meters
 - Estimated slurry volume to date- 149,190 cubic meters
 - Significant items- cleaned shaker screen for sands.
- Water treatment
 - Estimated cubic meters processed – 1,900 cubic meters
 - Estimated cubic meters discharged – 1,731 cubic meters
 - Estimated cubic meters processed to date – 164,133 cubic meters
 - Significant items- Lost generator for electricity; back online 4 hours later.
- Disposal
 - Material shipped off site – 16 filter cake ; 1 coarse solid
 - Material shipped off site to date – 1,103 containers
 - Significant items- Began offload of sample materials from OU-1.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: Dick Weeks (Weeks).

Project hours of operation 0000 to 2400

Health and Safety:

- White Phosphorus present in grizzly of sediment processing barge, appeared to smoke for about 15 minutes and then disappeared. Temporary shutdown for approximately 1.5 hours. Revised HASP measures implemented as necessary.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Continue HAZ dredging activities.

Technical Issues: None



ARCADIS personnel verifying contents of coolers to be disposed of.



View of excavator digging against the floodwall in cell #9.



Removing material/debris from cell #9.



SECI feeding materials to grizzly.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T266-05.26.12 <u>Date:</u> 05/26/12 <u>Day of Week:</u> <u>{S} M T W T F [S]</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Nick Harmer Zach McCoy Adam Green	<u>Day of Week:</u> <u>{S} M T W T F [S]</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny/thunderstorms		Temperature: Min. 63F / 85F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8/9 lift 2,3,4 – HAZ)
 - Estimated Volume today- 401 cubic yards
 - Estimated volume to date- 35,371 cubic yards
 - Significant items- large round object potentially found in sediment at the edge of cell #9. Unable to recover same. To continue to attempt to recover on Monday.
- Sediment processing
 - Estimated slurry volume – 609,709 gallons
 - Estimated slurry volume to date- 40,025,756 gallons
 - Significant items- additional pieces of white phosphorous discovered during sediment processing.
- Water treatment
 - Estimated gallons processed – 790,875 gallons
 - Estimated gallons discharged – 626,875 gallons
 - Estimated gallons processed to date – 44,155,092 gallons
 - Significant items- Backwashed sand filters.
- Disposal
 - Material shipped off site – 18 filter cake ; 1 coarse solids
 - Material shipped off site to date – 1,122 containers
 - Significant items- corrected container chassis issue without incident.
- Continued air monitoring.
- ARCADIS continued work with container removal from OU-1.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400; 0000 to 1600

Health and Safety: See Sediment processing.

Communications: Daily operations meeting held Monday at 0745 at UPF.

Monday's Planned Activities Normal daily operations.

Technical Issues: None.



Dredging in cell #9.



**Small amount of white phosphorous
burning in debris barge.**



**ARCADIS personnel
performing inclinometer readings.**



View of UPF.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T268-05.28.12 <u>Date:</u> 05/28/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Nick Harmer Zach McCoy Adam Green	Temperature: Min. 66F / 91F Max. Wind: 0-5 MPH.
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci USEPA/USACE Representatives: Matt Creamer		
Weather: AM- hazy ; PM- sunny		

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8/9 final lift – HAZ)
 - Estimated Volume today- 520 cubic yards
 - Estimated volume to date- 35,891 cubic yards
 - Significant items- small amounts of WP present in barge during loading.
- Sediment processing
 - Estimated slurry volume – 593,859 gallons
 - Estimated slurry volume to date- 40,619,615 gallons
 - Significant items- very slow processing due to debris and clays; cleaned screen decks 11 times during the day. .
- Water treatment
 - Estimated gallons processed – 564,304 gallons
 - Estimated gallons discharged – 468,704 gallons
 - Estimated gallons processed to date – 44,767,760 gallons
 - Significant items- Water coloration due to incoming feed stock.
- Disposal
 - Material shipped off site – 6 filter cake ; 1 coarse solids
 - Material shipped off site to date – 1,129 containers
 - Significant items- none.
- Continued air monitoring.
- Memorial Day picnic sponsored by CHESW was held at UPF for both day and evening crews.
- ARCADIS performed transect surveying for final dredge elevations.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of workers cleaning screen deck.



Loading hamburgers and hot dogs into site personnel.



Material for processing located in a barge.



**Dredge bucket with
approximate 8 foot diameter boiler.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T269-05.29.12 <u>Date:</u> 05/29/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Nick Harmer Zach McCoy Adam Green	<u>Day of Week:</u> <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Vinny Albanese USEPA/USACE Representatives: Ken Maley; Elizabeth Butler		
Weather: AM- drizzle/hazy ; PM- sunny		Temperature: Min. 70F / 92F Max. Wind: 5-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 6- high spots; 8- final lift – HAZ)
 - Estimated Volume today- 400 cubic yards
 - Estimated volume to date- 36,291 cubic yards
 - Significant items- small amounts of WP present in barge during loading.
- Sediment processing
 - Estimated slurry volume – 610,237 gallons
 - Estimated slurry volume to date- 41,229,852 gallons
 - Significant items- lots of debris.
- Water treatment
 - Estimated gallons processed – 634,921 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 45,402,681 gallons
 - Significant items- Resumed batch water treatment operations.
- Disposal
 - Material shipped off site – 14 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,145 containers
 - Significant items- none.
- Continued air monitoring.
- Commenced removal of over 100 drums from OU-1 warehouse to UPF site.
- ARCADIS performed transect surveying for final dredge elevations.
- Visitors to the site included: Alina Crincoli, Fernando Segovia, Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



SECI feeding hopper with material.



Abscope loading drums from OU-1 warehouse for disposal.



View of enclosure looking northwest.



ARCADIS personnel performing transect soundings for final dredge depths.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T270-05.30.12 <u>Date:</u> 05/30/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Nick Harmer Zach McCoy Adam Green Scott Campbell	<u>Day of Week:</u> <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Vinny Albanese; Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- hazy ; PM- sunny		Temperature: Min. 69F / 79F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8 final lift – HAZ)
 - Estimated Volume today- 500 cubic yards
 - Estimated volume to date- 36,791 cubic yards
 - Significant items- small amounts of WP present in barge during loading.
- Sediment processing
 - Estimated slurry volume – 456,489 gallons
 - Estimated slurry volume to date- 41,686,341gallons
 - Significant items- shut down 7 hours due to batch operations.
- Water treatment
 - Estimated gallons processed – 635,336 gallons
 - Estimated gallons discharged – 0 gallons
 - Estimated gallons processed to date – 46,038,017 gallons
 - Significant items- Resumed batch water treatment operations.
- Disposal
 - Material shipped off site – 18 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,165 containers
 - Significant items- none.
- Continued air monitoring.
- Continued drums and sample removal at UPF.
- Visitors to the site included: Joe Molina, Matt Bowman, Rob Reed (ARCADIS), Neil Geevers (SECI), Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications:

- Daily operations meeting held at 0745 at UPF.
- Decontamination & demobilization review meeting held on site with ARCADIS and their subs; B&C, Tierra.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of some drums and contents to be disposed of at UPF (from OU-1).



Drum debris located in a coarse solids container prior to coarse solids being added.



Dredge bucket ready to handle additional material.



Batch waters being discharged back into the enclosure.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T271-05.31.12 <u>Date:</u> 05/31/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Scott Campbell Zach McCoy Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Vinny Albanese; Jack Rodak USEPA/USACE Representatives: Ken Maley; Michael Hoppe; Matt Creamer		
Weather: AM- hazy ; PM- sunny		Temperature: Min. 66F / 91F Max. Wind: 0-5 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8 final lift – HAZ)
 - Estimated Volume today- 435 cubic yards
 - Estimated volume to date- 37,226 cubic yards
 - Significant items- completed HAZ dredging.
- Sediment processing
 - Estimated slurry volume – 581,178 gallons
 - Estimated slurry volume to date- 42,267,520 gallons
 - Significant items- full scale operations did not commence until late in evening.
- Water treatment
 - Estimated gallons processed – 590,797 gallons
 - Estimated gallons discharged – 163,242 gallons
 - Estimated gallons processed to date – 46,628,814 gallons
 - Significant items- Resumed water treatment operations in the evening.
- Disposal
 - Material shipped off site – 11 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,178 containers
 - Significant items- none.
- Continued air monitoring.
- Completed removal of drums / sample disposal at UPF.
- ARCADIS performed transect surveying for final dredge elevations.
- Visitors to the site included: Matt Bowman, Rob Reed, Joe Molina (ARCADIS).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Weeks performing soundings.



Boiler found near cell #9.



Debris barge prior to reprocessing.



Calgon replacing 40,000 pounds of carbon.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T272-06.01.12 <u>Date:</u> 06/01/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Zach McCoy Jake Suer Katie Nicholson Craig Burns Adam Green Michael Pelenski Scott Campbell Evonna Crudup Tony Taylor	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Vinny Albanese USEPA/USACE Representatives: Ken Maley; Michael Hoppe		
Weather: AM- Sunny; PM- Partly cloudy, overcast.		Temperature: Min. 12C / 21C Max. Wind: 1-3 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 7 lift 2/3 – EM)
 - Estimated Volume today- 461 cubic meters
 - Estimated volume to date- 28,922 cubic meters
 - Significant items- commenced dredging of EM.
- Sediment processing
 - Estimated slurry volume – 3,771 cubic meters
 - Estimated slurry volume to date- 163,753 cubic meters
 - Significant items- performed additional debris cleaning.
- Water treatment
 - Estimated cubic meters processed – 3,794 cubic meters
 - Estimated cubic meters discharged – 3,042 cubic meters
 - Estimated cubic meters processed to date – 180,284 cubic meters
 - Significant items- Includes 2 hours' downtime.
- Disposal
 - Material shipped off site – 37 filter cake ; 6 coarse solid
 - Material shipped off site to date – 1,221 containers
 - Significant items- Record event.
- Continued air monitoring.
- Metric Friday reporting event.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- Downgraded to regular site operations based on prior night's recorded 5 gas meter readings.
- Developed draft JSA for debris washing operations.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Begin EM processing operations.

Technical Issues: None



View of debris barge looking west.



High tide event – Singer Realty property.



Material stockpiled on west end.



Carbon change out.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T273-06.02.12 <u>Date:</u> 06/02/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Zach McCoy Evonna Crudup Katie Nicholson <div style="text-align: right; margin-top: 10px;">Scott Campbell</div>	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Matt Creamer; Michael Hoppe		
Weather: AM- drizzle / overcast ; PM- partly cloudy		Temperature: Min. 66F / 77F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 7 2/3/4 lift – EM)
 - Estimated Volume today- 523 cubic yards
 - Estimated volume to date- 38,352 cubic yards
 - Significant items- broke dredge bucket ram; replaced same. Total downtime - 7 hours.
- Sediment processing
 - Estimated slurry volume – 739,417 gallons
 - Estimated slurry volume to date- 44,003,130 gallons
 - Significant items- transition to EM occurred at 1130.
- Water treatment
 - Estimated gallons processed – 1,032,551 gallons
 - Estimated gallons discharged – 831,089 gallons
 - Estimated gallons processed to date – 48,663,748 gallons
 - Significant items- backwashed sand filters.
- Disposal
 - Material shipped off site – 27 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,244 containers
 - Significant items- switched from HAZ to EM during day.
- Continued air monitoring.
- Delivered 16 roll off boxes to UPF for debris load out on Sunday.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Haz debris load out; equipment maintenance.

Technical Issues: None



Newark fire boat.



Broken ram from dredge bucket.



View of wale to be reinforced prior to restressing of tieback # 37.



Eleven containers awaiting pick up from night operations.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T274-06.03.12 <u>Date:</u> 06/03/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings Tony Taylor Craig Burns Zach McCoy	Katie Nicholson Evonna Crudup Scott Campbell
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- overcast/rain/drizzle		Temperature: Min. 66F / 81F Max. Wind: 0-30 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
 - Significant items- performed 2000 hour maintenance on dredge excavator.
- Sediment processing (None)
 - Significant items- replaced screens in coarse solids separation; performed routine maintenance.
- Water treatment
 - Estimated gallons processed – 119,045 gallons
 - Estimated gallons discharged – 103,063 gallons
 - Estimated gallons processed to date – 48,782,793 gallons
 - Significant items- performed routine maintenance; shut down at 0500.
- Disposal
 - Material shipped off site – 6 filter cake ; 0 coarse solids
 - Material shipped off site to date – 1,250 containers
 - Significant items- completed debris load out.
- Continued air monitoring.
- Utilized 17 containers for debris load out- staged at UPF.
- Visitors to the site included: None.

Project hours of operation 0000 to 2000

Health and Safety: None

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Resume normal site operations.

Technical Issues: None



Caterpillar mechanics performing 2000 hour service on dredge unit.



Looking west of debris offloading operations.



View of cleaned up debris barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T275-06.04.12 <u>Date:</u> 06/04/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Scott Campbell Zach McCoy	<u>Day of Week:</u> <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Vinny Albanese; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Matt Creamer		
Weather: AM- rain ; PM- rain/overcast		Temperature: Min. 54F / 64F Max. Wind: 5-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 7 lifts 3/4 – EM)
 - Estimated Volume today- 520 cubic yards
 - Estimated volume to date- 38,241 cubic yards
 - Significant items- none.
- Sediment processing
 - Estimated slurry volume – 679,450 gallons
 - Estimated slurry volume to date- 44,682,580 gallons
 - Significant items- washed press # 3.
- Water treatment
 - Estimated gallons processed – 726,784 gallons
 - Estimated gallons discharged – 538,306 gallons
 - Estimated gallons processed to date – 49,509,577 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 18 filter cake ; 0 coarse solids
 - Material shipped off site to date – 1,268 containers
 - Significant items- inspected containers from prior day's activities /debris load out.
- Continued air monitoring.
- DPK performed optical survey monitoring.
- Visitors to the site included: Ted Menap (YPF); Paul Bluestein (Tierra).

Project hours of operation 0600 to 2400

Health and Safety: Fixed handrail on the observation platform at OU-1.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues:

- Weeks had to redesign the temporary wale at T-37 due to the fact the adjacent wales dis not align. The bolt pattern was changed to accomadate the existing wales.



ARCADIS crew returned from pipe inspection during a heavy downpour.



Verifying pipe attachment to pile in rain.



Concrete blocks to be used for debris washing.



Samples to be shipped out.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T276-06.05.12 <u>Date:</u> 06/05/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Scott Campbell Zach McCoy	<u>Day of Week:</u> <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Nick Mucci; Vinny Albanese; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Matt Creamer		
Weather: AM- Sunny ; PM- partly cloudy		Temperature: Min. 51F / 66 F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 7 final lift; 11 2/3 lift – EM)
 - Estimated Volume today- 562 cubic yards
 - Estimated volume to date- 38,803 cubic yards
 - Significant items- performed soundings for cell #7.
- Sediment processing
 - Estimated slurry volume – 725,945 gallons
 - Estimated slurry volume to date- 45,408,525 gallons
 - Significant items- downtime for maintenance only.
- Water treatment
 - Estimated gallons processed – 754,340 gallons
 - Estimated gallons discharged – 659,364 gallons
 - Estimated gallons processed to date – 50,263,917 gallons
 - Significant items- backwashed sand filters.
- Disposal
 - Material shipped off site – 24 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,294 containers
 - Significant items- none.
- Continued air monitoring.
- ARCADIS / Abscope performing set up of debris washing operations.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Client performing crane check in Week's Greenville yard for offloading of steel.



Debris washing operations being set up.



New coarse solids unloading facility.



View of OU-1 from Passaic River.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T277-06.06.12 <u>Date:</u> 06/06/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Katie Nicholson Jake Suer Scott Campbell Zach McCoy Adam Green	<u>Day of Week:</u> <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Jim Christafano Owner Representatives: Nick Mucci; Vinny Albanese; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Matt Creamer		
Weather: AM- hazy ; PM- rain		Temperature: Min. 53F / 73F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 11/12 lifts 2,3 – EM)
 - Estimated Volume today- 505 cubic yards
 - Estimated volume to date- 39,308 cubic yards
 - Significant items- began drilling holes for temporary wale on T-37.
- Sediment processing
 - Estimated slurry volume – 741,531 gallons
 - Estimated slurry volume to date- 46,150,056 gallons
 - Significant items- system down for maintenance only.
- Water treatment
 - Estimated gallons processed – 825,850 gallons
 - Estimated gallons discharged – 699,536 gallons
 - Estimated gallons processed to date – 51,089,767gallons
 - Significant items- regular operations/ backwashed sand filters.
- Disposal
 - Material shipped off site – 28 filter cake ; 0 coarse solids
 - Material shipped off site to date – 1,322 containers
 - Significant items- none.
- Continued air monitoring.
- ARCADIS/Abscope commenced debris washing operations. .
- Visitors to the site included: None

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



Finalizing debris washing station.



Abscope washing debris.



Unloading EPIC container.



Material laid out on pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T278-06.07.12 <u>Date:</u> 06/07/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Jake Suer Scott Campbell Nick Harmer Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Jim Christafano Owner Representatives: Nick Mucci; Vinny Albanese; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Matt Creamer		
Weather: AM- clear ; PM- rain shower		Temperature: Min. 59F / 80F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 12 lift 3/4 – EM)
 - Estimated Volume today- 449 cubic yards
 - Estimated volume to date- 39,757 cubic yards
 - Significant items- none.
- Sediment processing
 - Estimated slurry volume – 743,380 gallons
 - Estimated slurry volume to date- 46,893,436 gallons
 - Significant items- normal operations.
- Water treatment
 - Estimated gallons processed – 824,835 gallons
 - Estimated gallons discharged – 651,191 gallons
 - Estimated gallons processed to date – 51,914,602 gallons
 - Significant items- Reviewed disposal requirements for demobe.
- Disposal
 - Material shipped off site – 25 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,349 containers
 - Significant items- obtained manifest for haz debris disposal; client signed same.
- Continued air monitoring.
- Weeks completed attachment of wale for restressing of tieback #37.
- Weeks began removal of monopiles and dolphins outside enclosure.
- Abscope / ARCADIS continued debris washing at UPF.
- Visitors to the site included: Paul Bluestein (Tierra); Bill Sy, Doug Tomchuk, Stephanie Vaughn, Alice Yeh, Caroline Kohn, Eugenia Naranto, Ray Basso (USEPA); Mike Burlingame (NJDEP).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal daily operations.

Technical Issues: None



View of debris washing operations.



View of debris washing operations.



Sediment ready to be placed in container.



Screened sediment.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T279-06.08.12 <u>Date:</u> 06/08/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Craig Burns Michael Pelenski Evonna Crudup Nick Harmer Adam Green Scott Campbell Tony Taylor	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Jim Christafano Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer; Mike Hoppe		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 12C / 24C Max. Wind: 1-3 Bft.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 12 – lift 2/3 ; 11 -lift final lift – EM)
 - Estimated Volume today- 339 cubic meters
 - Estimated volume to date- 30,735 cubic meters
 - Significant items-spud cable repaired; inclinometer for Hypack broke.
- Sediment processing
 - Estimated slurry volume – 2,438 cubic meters
 - Estimated slurry volume to date- 179,929 cubic meters
 - Significant items- hydraulic hose on bucket repaired.
- Water treatment
 - Estimated cubic meters processed – 2,611 cubic meters
 - Estimated cubic meters discharged – 2,001,042 cubic meters
 - Estimated cubic meters processed to date – 199,108 cubic meters
 - Significant items- none.
- Disposal
 - Material shipped off site – 25 filter cake ; 2 coarse solid
 - Material shipped off site to date – 1,376 containers
 - Significant items- received manifests for remaining materials to be disposed of on site.
- Continued air monitoring.
- Continued vibration monitoring.
- Continued debris washing operations.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: No issues

Communications:

- Daily operations meeting held at 0745 at UPF.
- Held internal initial post dredge scheduling meeting for the purposes of developing a two week look ahead schedule.

Tomorrow's Planned Activities routine daily operations.

Technical Issues:

- Received USEPA approval for placement of concrete mattresses within enclosure.
- Received USEPA approval for amending water treatment plant for processing waters and discharging back into the enclosure.



Debris cleaning at UPF.



Empty cleaned container at UPF.



Removing monopiles at OU-1.



Splice plate for tieback T-37.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T280-06.09.12 <u>Date:</u> 06/09/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell Nick Harmer Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- clear ; PM- overcast/thunderstorm		Temperature: Min. 61F / 84F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 11/12 lift - FINAL – EM)
 - Estimated Volume today- 443 cubic yards
 - Estimated volume to date- 40,643 cubic yards
 - Significant items- completed cell #12.
- Sediment processing
 - Estimated slurry volume – 767,948 gallons
 - Estimated slurry volume to date- 48,305,435 gallons
 - Significant items- none.
- Water treatment
 - Estimated gallons processed – 897,319 gallons
 - Estimated gallons discharged – 767,088 gallons
 - Estimated gallons processed to date – 53,501,739 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 20 filter cake ; 2 coarse solids
 - Material shipped off site to date – 1,398 containers
 - Significant items- none.
- Continued air monitoring.
- Abscope / ARCADIS continued debris washing at UPF.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Debris washing; Maintenance.

Technical Issues: None



SECI supporting Dutch national soccer team.



Large debris found in EPIC container.



Loading coarse solids with loader.



Screened debris.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T281-06.10.12 <u>Date:</u> 06/10/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor :</u> Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Craig Burns Michael Pelenski Adam Green Scott Campbell	
ARCADIS Construction Supervisor: None Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- clear ; PM- sunny		Temperature: Min. 66F / 88F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (None)
- Sediment processing
 - Estimated slurry volume – None
 - Significant items- performed maintenance on generators.
- Water treatment
 - Estimated gallons processed – 81,969 gallons
 - Estimated gallons discharged – 56,808 gallons
 - Estimated gallons processed to date – 53,583,708 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 4 filter cake ; 0 coarse solids
 - Material shipped off site to date – 1,402 containers
 - Significant items- none.
- Continued air monitoring.
- Abscope / ARCADIS continued debris washing at UPF.
- Visitors to the site included: None.

Project hours of operation 0000 to 1600

Health and Safety: None

Communications: Daily operations meeting held Monday at 0745 at UPF.

Tomorrow's Planned Activities Resume daily operations.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T282-06.11.12 <u>Date:</u> 06/11/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Zack McCoy Jake Suer Scott Campbell Nick Harmer Adam Green	(Continued from above)
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Ken Maley; Matt Creamer		
Weather: AM- clear ; PM- clear		Temperature: Min. 63F / 80F Max. Wind: 0-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 11- FINAL lift – EM)
 - Estimated Volume today- 228 cubic yards
 - Estimated volume to date- 40,871 cubic yards
 - Significant items- Completed dredging operations.
- Sediment processing
 - Estimated slurry volume – 724,360 gallons
 - Estimated slurry volume to date- 49,029,795 gallons
 - Significant items- began preliminary decon activities; shut down operations at 2315.
- Water treatment
 - Estimated gallons processed – 743,683 gallons
 - Estimated gallons discharged – 541,439 gallons
 - Estimated gallons processed to date – 54,327,391 gallons
 - Significant items- No issues.
- Disposal
 - Material shipped off site – 17 filter cake ; 2 coarse solids; 6 Haz sediments
 - Material shipped off site to date – 1,1,427 containers
 - Significant items- Began removal of sediments from debris washing.
- Continued air monitoring.
- Weeks completed restressing of tieback #37.
- Weeks continued removal of monopiles outside enclosure.
- Abscope / ARCADIS continued debris washing at UPF.
- Visitors to the site included: Joe Molina, Rob Reed, Doug Weeks, Adam Chawilabog (ARCADIS).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Complete Sediment Processing and initiate demobilization.

Technical Issues: None



View of restressing operation.



Screened sediment.



Debris being placed into barge.



Screened debris.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T283-06.12.12 <u>Date:</u> 06/12/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Adam Green Zack McCoy Jake Suer Scott Campbell Evonna Crudup	(Continued from above)
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Ken Maley		
Weather: AM- rain ; PM- rain		Temperature: Min. 66F / 74F Max. Wind: 5-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing
 - Estimated slurry volume – 414,852 gallons
 - Estimated slurry volume to date- 49,444,646 gallons
 - Significant items- completed sediment processing operations.
- Water treatment
 - Estimated gallons processed – 646,216 gallons
 - Estimated gallons discharged – 519,605 gallons
 - Estimated gallons processed to date – 54,973,607 gallons
 - Significant items- Last day of discharge to river.
- Disposal
 - Material shipped off site – 10 filter cake ; 3 debris
 - Material shipped off site to date – 1,440 containers
 - Significant items- none.
- Continued air monitoring.
- Abscope / ARCADIS continued debris washing at UPF.
- Visitors to the site included: Joe Molina, Rob Reed, Matt Bowman (ARCADIS), Paul Bluestein (Tierra).

Project hours of operation 0000 to 2400

Health and Safety: None

Communications:

- Daily operations meeting held at 0745 at UPF.
- Decon and Demobilization meeting held with Tierra, ARCADIS, B&C, CHES, SECI, Weeks.

Tomorrow's Planned Activities Commence demobilization.

Technical Issues: None



View of center section of Weeks 72 barge needing cleaning.



View of washed debris inside a container awaiting loading.



Tarped tank and tires to be broken up for disposal.



Screened and washed debris.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T284-06.13.12 <u>Date:</u> 06/13/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Adam Green Zack McCoy Jake Suer Scott Campbell Evonna Crudup	(Continued from above)
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Michael Hoppe; Ken Maley		
Weather: AM- drizzle, partly cloudy ; PM- partly cloudy		Temperature: Min. 65F / 73F Max. Wind: 0-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Removal of tank tarps.
 - Completed sediment processing operations.
 - Continued cleaning of barges.
- Water treatment
 - Estimated gallons processed – 302,992 gallons
 - Estimated gallons processed to date – 55,276,599 gallons
 - Significant items- Commenced batch operations back to the enclosure.
- Disposal
 - Material shipped off site – 10 containers
 - Material shipped off site to date – 1,450 containers
 - Significant items- Reviewed remaining disposal requirements for project site.
- Continued air monitoring..
- Abscope / ARCADIS continued debris washing at UPF.
- Held ice cream social at both locations for site personnel.
- Visitors to the site included: Matt Bowman (ARCADIS).

Project hours of operation 0000 to 2200

Health and Safety: None

Communications:

- Daily operations meeting held at 0745 at UPF.
- Decon and Demobilization meeting held with Tierra, ARCADIS, B&C, CHES,SECI, Weeks.

Tomorrow's Planned Activities Commence demobilization.

Technical Issues: None



**View of Weeks 500 crane
used to remove mattresses.**



View of debris washing operations.



Site personnel attending ice cream social.



View of site sludge holding tank #2.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T285-06.14.12 <u>Date:</u> 06/14/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Adam Green Zack McCoy Jake Suer Scott Campbell Evonna Crudup	<u>Day of Week:</u> <u>S M T W [T] F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Michael Hoppe; Ken Maley		
Weather: AM- partly cloudy ; PM- sunny		Temperature: Min. 63F / 78F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Completed removal of tank tarps.
 - Commenced consolidation of sludge into Sludge tank #1.
 - Continued cleaning of barges.
- Water treatment
 - Estimated gallons processed – 35,576 gallons
 - Estimated gallons processed to date – 55,312,175 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 3 containers
 - Material shipped off site to date – 1,453 containers
 - Significant items- none.
- Continued air monitoring.
- Prepared for backfilling operations; began installation of concrete mattresses.
- Abscope / ARCADIS continued debris washing at UPF. Completed unloading of all containers.
- Held luncheon sponsored by Clean Harbors for site personnel.
- Visitors to the site included: Paul Bluestein Tierra) Jeffrey Meyer (NJDEP).

Project hours of operation 0600 to 1900

Health and Safety:

- NJDEP arrived on site at approximately 1130 to do some investigative work to determine if a recent odor complaint was from the site operations. The most specific one occurred Tuesday evening. At that point, the site was no longer dredging (completed Monday) nor processing of sediments (completed Tuesday day). A follow up is going to be handled by USEPA.

Communications:

- Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Continue demobilization; commence backfilling.

Technical Issues: None



**View of luncheon held at
UPF site for all workers.**



View of clean sediment to be shipped.



View of clean debris ready to be shipped.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T286-06.15.12 <u>Date:</u> 06/15/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor :</u> Weeks Abscope SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Adam Green Zack McCoy Jake Suer Scott Campbell Evonna Crudup	<u>Day of Week:</u> <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Michael Hoppe; Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 60F / 80F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued consolidation of sludge into Sludge tank #1.
 - Continued cleaning of barges.
- Water treatment
 - Estimated gallons processed – 268,315 gallons
 - Estimated gallons processed to date – 55,587,897 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 3 containers
 - Material shipped off site to date – 1,457 containers
 - Significant items- none.
- Completed instrument logged air monitoring for general project operations.
- Began backfilling operations.
- Abscope / ARCADIS completed debris washing at UPF. Deconned all equipment.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: None

Communications:

- Last daily operations meeting was held at 0745 at UPF since production is complete.

Tomorrow's Planned Activities Continue demobilization.



View of Weeks barge being utilized for backfilling operations.



View of cleaned portable screen unit.



View of clean decon pad area.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T286-06.15.12 <u>Date:</u> 06/15/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Tony Taylor Scott Campbell Zack McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- cloudy ; PM- sunny		Temperature: Min. 62F / 79F Max. Wind: 0-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued consolidation of sludge into Sludge tank #1.
 - Continued cleaning of barges.
- Water treatment
 - Estimated gallons processed – 268,315 gallons
 - Estimated gallons processed to date – 55,856,212 gallons
 - Significant items- none.
- Disposal (no work)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,457 containers
 - Significant items- none.
- Completed instrument logged air monitoring for general project operations.
- Moved barges for cleaning purposes.
- Visitors to the site included: None.

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: None

Tomorrow's Planned Activities None

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T288-06.18.12 <u>Date:</u> 06/18/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Scott Campbell Michael Pelenski Evonna Crudup Zack McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Ken Maley		
Weather: AM- partly cloudy ; PM- sunny		Temperature: Min. 60F / 69F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Commence removal of material from gravity prethickener.
 - Commenced consolidation of sludge into Sludge tank #1.
 - Continued cleaning of barges.
- Water treatment
 - Estimated gallons processed – 89,186 gallons
 - Estimated gallons processed to date – 55,945,398 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 15 containers
 - Material shipped off site to date – 1,472 containers
 - Significant items- completed removal of all debris from Weeks 216 barge.
- Completed debris offloading.
- ARCADIS performed enclosure monitoring.
- DPK performed optical survey monitoring.
- Continued backfilling operations; continued installation of concrete mattresses.
- ARCADIS completed cleanup from debris washing at UPF.
- Visitors to the site included: Paul Bluestein, Dave Rabbe (Tierra).

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: Held weekly internal scheduling call.

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



View of excavator loading debris containers.



Unloading the debris barge.



View of Weeks 500 crane preparing to backfill.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T289-06.19.12 <u>Date:</u> 06/19/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Scott Campbell Michael Pelenski Evonna Crudup Zack McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Ken Maley		
Weather: AM- overcast ; PM- partly cloudy		Temperature: Min. 64F / 81F Max. Wind: 5-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Prepare gravity thickener for solids removal.
 - Continued consolidation of sludge into sludge tank #1.
 - Continued cleaning of barges.
- Water treatment
 - Estimated gallons processed – 302,685 gallons
 - Estimated gallons processed to date – 56,248,083 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 1 containers
 - Material shipped off site to date – 1,473 containers
 - Significant items- none.
- Continued monitoring for the enclosure.
- Continued backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 2000

Health and Safety: None

Communications: LPR Project operations conference call

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



Cleaned Weeks 216 debris barge.



Empty Sludge holding tank #2.



**View of coarse solids area from
top of prethickener tank.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T290-06.20.12 <u>Date:</u> 06/20/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Scott Campbell Michael Pelenski Evonna Crudup Zack McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Michael Hoppe; Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 70F / 98F Max. Wind: 0-10MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Completed gross decon of gravity prethickener.
 - Continue cleaning of SECI barge.
 - Filter pressed sludge solids.
- Water treatment
 - Estimated gallons processed – 134,839 gallons
 - Estimated gallons processed to date – 56,382,922 gallons
 - Significant items
 - Continued removal of piping from discharge lines.
- Disposal
 - Material shipped off site – 3 containers
 - Material shipped off site to date – 1,476 containers
 - Significant items
 - ARCADIS completed consolidation of filter cloths from press set #2 and loaded out same.
- Continued monitoring for the enclosure.
- Fan motor on Weeks 500 crane engine failed- no work performed today.
- Visitors to the site included: Paul Bluestein (Tierra); Michael Turner (Turner Public Relations); Tim Van Blaricom (Idea Stream Media).

Project hours of operation 0600 to 1900

Health and Safety:

- Reviewed with various site personnel heat stress and what should be done. Requested it be reinforced in tomorrow's tailgate meetings.

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



SECI barge deconned.



View of clean prethickener tank bottom.



Weeks crane and dredge barge.



Full backfill barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T291-06.21.12 <u>Date:</u> 06/21/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks Shelby SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Scott Campbell Michael Pelenski Evonna Crudup Zack McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Michael Hoppe; Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 78F / 100F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued decon of coarse solids area.
 - Completed consolidation of remaining pressable sludges into Sludge tank #1.
 - Completed cleaning of process barge.
- Water treatment
 - Estimated gallons processed – 0 gallons
 - Estimated gallons processed to date – 56,382,922 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,476 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Rewired jet water pump for UPF cleaning operations.
- Continued backfilling operations; repaired fan motor for Weeks 500 crane.
- ARCADIS prepared layout area for temporary treatment plant.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



Filter cloths from press #1 on the deck awaiting pick up and disposal.



View of CHES vac truck operation being used to clean EQ tanks.



CHES temporary treatment trailer with 20,000 pounds of carbon arrives on site.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T292-06.22.12 <u>Date:</u> 06/22/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Scott Campbell Michael Pelenski Evonna Crudup Zack McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Michael Hoppe; Ken Maley		
Weather: AM- sunny ; PM- cloudy / rain		Temperature: Min. 78F / 96F Max. Wind: 5-30 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued decon of coarse solids area.
 - Completed consolidation of remaining sludge into Sludge tank #1.
 - Completed cleaning of process barge.
- Water treatment
 - Estimated gallons processed – 39,604 gallons
 - Estimated gallons processed to date – 56,422,526 gallons
 - Significant items- none.
- Disposal
 - Material shipped off site – 1 containers
 - Material shipped off site to date – 1,477 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Continued backfilling operations; placed mattresses.
- CHESW began set up of temporary treatment plant.
- Visitors to the site included: None.

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue demobilization; shut down WTS.

Technical Issues: None



**Placing bucket inside enclosure
with Weeks 500 crane.**



View of sludge inside sludge holding tank #1.



**Containment line inside the enclosure
reconfigured to both discharge river water
and receive treated water.**



CHES temporary treatment trailer on a spill guard.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T293-06.23.12 <u>Date:</u> 06/23/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Scott Campbell Michael Pelenski	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis; Bart Hiemstra Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 69F / 88F Max. Wind: 5-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Completed removal of all filter cloths from remaining press.
 - Completed gross solids decon of coarse solids area.
- Water treatment
 - Estimated gallons processed – 0 gallons
 - Significant items-
 - Permanent shut down of WTS.
 - Deconned 2 EQ tanks for temporary system.
 - Removed piping and conduit to use 1 MMF skid for temporary system.
 - Removed MM from sand filters and placed in container for dewatering.
 - Staged pumps for temporary system and water reuse.
 - Commenced plumbing of temporary system.
- Disposal
 - Material shipped off site – 1 container
 - Material shipped off site to date – 1,477 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Rewired jet water pump for UPF cleaning operations.
- Continued backfilling operations; repaired fan motor for Weeks 500 crane.
- ARCADIS prepared layout area for temporary treatment plant.
- Visitors to the site included: None.

Project hours of operation 0600 to 2100

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Complete installation of temporary system.

Technical Issues: None



ARCADIS personnel inspecting temporary treatment plant.



View of cleaned EQ tank.



SECI personnel cleaning belts for coarse solids discharge conveyor.



Last load of filter cloths from filter press in container for disposal.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T294-06.24.12 <u>Date:</u> 06/24/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor :</u> CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 66F / 86F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (System Complete)
- Disposal (None)
- Removed piping and conduit for temporary system install.
- Placed bag house and misc plumbing for start up.
- Visitors to the site included: None.

Project hours of operation 0700 to 2100

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



Discharge piping removed in order to remove MMF filters.



CHES ties each cam lock fitting to assure closure.



CHES has placed PVC piping inside trailer for disposal.



Safety message from Ester Street, Newark, New Jersey.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T296-06.26.12 <u>Date:</u> 06/26/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Scott Campbell Michael Pelenski Evonna Crudup Zack McCoy Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 59F / 77F Max. Wind: 5-25 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Gross decon of discharge conveyors.
 - Deconned and removed all piping surrounding the Gravity thickener.
- Water treatment (Complete)
 - Significant items-
 - Continued removal of piping and conduit. 90 % complete.
 - Completed cleaning 6 EQ tanks.
 - Generator off site.
- Disposal
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,478 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Weeks began final cleaning of Scows.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 1800

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



CHES beginning final decon for prethickener.



View of CHES EQ tanks with all lines and conduit removed.



Carbon treatment pad with all PVC piping removed.



CHES removing pumps, piping and valves from gravity prethickener.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T297-06.27.12 <u>Date:</u> 06/27/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Scott Campbell Michael Pelenski Evonna Crudup Zack McCoy William Jennings Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Ken Maley/Matt Creamer		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 63F / 85F Max. Wind: 10-30 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued decon of gravity prethickener.
 - Began decon of sludge holding tanks.
 - Generators off site.
- Water treatment (Complete)
 - Significant items-
 - Continued removal of piping and conduit. 98 % complete.
 - Completed cleaning 7 frac tanks; began cleaning clarifier.
- Disposal
 - Material shipped off site – 1 containers
 - Material shipped off site to date – 1,480 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Weeks continued final cleaning of Scows.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: Mike Burlingame (NJDEP); Murat QTeu (Louis Berger); Dan Mowers (Weeks).

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



Weeks backfilling in the enclosure.



View of CHES clean water tanks with all piping removed.



First SECI electric generator leaving the site.



CHES staged parts for reuse in central area.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T300-06.30.12 <u>Date:</u> 06/30/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Michael Pelenski Zack McCoy Jake Suer William Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 77F / 97F Max. Wind: 5-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - General decon work by SECI staff.
- Water treatment (Complete)
 - Significant items
 - Completed cleaning several frac tanks; did not complete cleaning clarifier.
- Disposal
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,483 containers
 - Significant items- none.
- ARCADIS continued consolidation of solids from processing.
- Visitors to the site included: None.

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: None

Monday's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



CHES personnel cleaning the MMF skid.



View of mixed media from filter banks.



Sediments processed and ready to be loaded into EPIC containers.



CHES cleaning their CUSCO vacuum truck.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T301-070212 <u>Date:</u> 07/02/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup William Jennings	Temperature: Min. 71F / 91F Max. Wind: 5-15 MPH.
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- sunny ; PM- sunny		

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued removal of piping and decon same.
 - Continued decon of sludge holding tanks.
 - Generators off site.
- Water treatment (Complete)
 - Significant items-
 - Removed pump station from operations pad.
 - Adler on site to inspect containers; some additional cleaning necessary.
- Disposal (CHES personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,483 containers
 - Significant items- disposal now being handled by EPIC drivers.
- Continued monitoring at the enclosure.
- Weeks continued final cleaning of Scows.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



Residual solids from barge cleaning.



View of inside gravity prethickener.



CHES cleaned tank.



CHES staged pump trailer for offsite delivery.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T302-07.03.12 <u>Date:</u> 07/03/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup William Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 70F / 95F Max. Wind: 5-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Began decon of contingency tanks.
 - Continued decon of sludge holding tanks.
 - Removal of process piping throughout site.
- Water treatment (Complete)
 - Significant items-
 - Completed removal of remaining piping and conduit from operations pad.
 - Prepared clean tanks for removal off site.
- Disposal (CHESD personnel not on site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,483 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Weeks continued final cleaning of Scows.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Holiday

Technical Issues: None



General decon area near coarse solids.



Power washing piping near contingency tanks at sediment processing.



Conveyor lowered for shipping purposes in coarse solids area.



View of CHESW operations pad minus all process piping and conduit.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T303-07.05.12 <u>Date:</u> 07/05/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 76F / 98F Max. Wind: 10-15 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued removal of piping associated with the coarse solids area.
 - Continued decon of piping.
- Water treatment (Complete)
 - Significant items-
 - Continued decon for valves, equipment, operations pad.
 - Set 6 frac tanks off pad for pick up tomorrow.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,483 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Weeks continued final cleaning of Scows.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0630 to 1900

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



View of pump used to pump water to the enclosure.



Temporary treatment system.



View of CHES operations pad area.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T304-07.06.12 <u>Date:</u> 07/06/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 72F / 98F Max. Wind: 5-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued decon of piping surrounding the equipment.
 - Removed piping surrounding pumps.
- Water treatment (Complete)
 - Significant items-
 - Removed 7 frac tanks from the site.
 - Decon valves, sand filters.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,483 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Weeks completed final cleaning of Scows.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: Last day on site for ARCADIS employee William Jennings who has worked on the project in the field since mobilization activities began in July 2011.

Monday's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



CHES fract tanks leaving the site.



View of CHES pad less frac tanks.



ARCADIS personnel performing enclosure monitoring.



Contingency tanks staged and ready for pick up.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T305-07.09.12 <u>Date:</u> 07/09/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks SECI DPK CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 73F / 87F Max. Wind: 5-15MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Decon of process water tank.
 - General cleaning- presses, coarse solids.
- Water treatment (Complete)
 - Significant items-
 - Prepared mtl. for shipping.
 - Decon Actiflo clarifier.
 - Began removal of carbon from vessels for disposal.
- Disposal (Personnel off site)
 - Material shipped off site – 3 containers
 - Material shipped off site to date – 1,486 containers
 - Significant items-
 - Removed yard tractors from site.
- Continued monitoring at the enclosure.
- DPK performed optical survey work along the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: Uncovered garter snake during general site cleanup activities. Snake was placed in adjoining woods.

Communications: None

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



Garter snake uncovered during cleanup activities on site.



View of CHES cleaning the water process tank.



DPK performing optical survey work.



CHES placing yard tractor on trailer to be sent off site.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T306-07.10.12 <u>Date:</u> 07/10/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup Scott Campbell	<u>Day of Week:</u> <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 67F / 89F Max. Wind: 5-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continued decon of coarse solids equipment.
 - Commenced cleaning of sludge holding tanks.
- Water treatment (Complete)
 - Significant items-
 - Continued decon on actiflo clarifier.
 - Continued removal of carbon from vessels.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,486 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: Paul Bluestein (Tierra); Jeff Meyer (NJDEP); Ben Leff (B&C).

Project hours of operation 0600 to 1930

Health and Safety: NJDEP arrived on site at OU-1 to check out an odor complaint from a citizen located approximately 4 miles due north from the site. NJDEP arrived on site at UPF at approximately 1830. Winds at UPF were coming directly from the south based on visual observation. At the time of the inspection, site activities had ceased for the day. NJDEP were escorted around the site by ARCADIS. ARCADIS notified USEPA, B&C and Tierra of the site visits to both locations. No odors were detected at the river front by ARCADIS personnel.

Communications: External Progress meeting conference call held with client and USEPA/ACOE.

Tomorrow's Planned Activities Continue demobilization; continue backfilling.

Technical Issues: None



Coarse solids conveyor.



Electrical wiring that needs to be removed from the frac tanks prior to shipping the tank off site.



Looking east from the enclosure of the double contained hydraulic pipeline.



Weeks using excavator to smooth out rough cuts of backfill within the enclosure.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T307-07.11.12 <u>Date:</u> 07/11/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 69F / 94F Max. Wind: 0-20 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Completed cleaning of SHT #1, continue cleaning remainder tanks.
 - Continued decon work on coarse solids equipment.
- Water treatment (Complete)
 - Significant items-
 - Completed decon of actiflo trailer.
 - Prepared equipment for offsite shipment.
 - Continued removal of carbon from Calgon vessels.
- Disposal (Personnel off site)
 - Material shipped off site – 5 containers
 - Material shipped off site to date – 1,492 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Continued backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 2030

Health and Safety: NJDEP revisited the site specific to an odor complaint. Elizabeth butler reviewed site conditions with the representatives.

Communications: None

Tomorrow's Planned Activities Continue decon/demobilization; continue backfilling.

Technical Issues: None



Sludge holding tank #1.



**View of Calgon carbon vessel
with most carbon removed.**



CHES cleaning the actiflo trailer.



View of UPF looking west.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T308-07.12.12 <u>Date:</u> 07/12/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks SECI Crown Solutions CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Michael Hoppe		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 72F / 93F Max. Wind: 0-10 MPH.

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Removed contingency tanks from project site.
 - Decon of conveyors and coarse solids external parts.
 - Flushing of filtrate tanks continued.
- Water treatment (Complete)
 - Significant items-
 - Removed Actiflo clarifier from site.
 - Continue packaging materials for final shipment.
 - Continued use of Cusco to remove solids from backwash tanks.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,488 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Performed preliminary soundings for backfill operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: Review by Michael Hoppe of site perimeter monitoring data at UPF; confined space entry permits for UPF; tour of UPF to review any potential odor issues. Michael submitted under separate cover email summary of his findings, which suggested no off site odor impacts at this time by UPF operations.

Communications: None

Tomorrow's Planned Activities Continue decon/demobilization; continue backfilling.

Technical Issues: None



Actiflo trailer cleaned and prepared to leave site.



Inside of cleaned frac tank.



Preparing to enter coarse solids for final cleaning.



View of hopper side wall inside coarse solids separation.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T308-07.13.12 <u>Date:</u> 07/13/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Zack McCoy Jake Suer Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Michael Hoppe		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 68F / 93F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Completed cleaning of remainder sludge holding tanks.
 - ARCADIS, B&C, SECI performed first punchlist review of remaining project tasks.
 - Decon of conveyors and coarse solids external parts.
- Water treatment (Complete)
 - Significant items-
 - Deconned remaining frac tanks of solids for consolidation.
 - Continue packaging materials for final shipment.
 - Completed removal of carbon from Calgon vessels.
- Disposal (Personnel off site)
 - Material shipped off site – 5 containers
 - Material shipped off site to date – 1,497 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Performed backfilling operations.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: None.

Communications: None

Monday's Planned Activities Continue decon/demobilization; develop plan to continue backfilling.

Technical Issues:

- Weeks had an electrical motor failure on the 511 crane mid morning and was unable to complete backfilling operations today. The crane cannot rotate due to the failure. Plan is to deliver the crane back to Week's yard for further repair and evaluation.



View of clean sludge holding tank.



Filter press plates.



CHES pad less the clarifier trailer.



Looking into the gravity prethickener through a side opening.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T310-07.16.12 <u>Date:</u> 07/16/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK Adler SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Scott Campbell Jake Suer Evonna Crudup	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 68F / 93F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Decon of conveyors and coarse solids external parts.
- Water treatment (Complete)
 - Significant items-
 - Deconned Calgon equipment.
 - Continue packaging materials for final shipment.
 - Continued decon of remaining frac tanks.
 - Adler representative inspected frac tanks.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,497 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- DPK performed optical survey monitoring.
- ARCADIS continued consolidation of solids from processing.
- Commenced removal of storm water pipe on west side of enclosure.
- Visitors to the site included:

Project hours of operation 0600 to 1800

Health and Safety: None.

Communications: None

Monday's Planned Activities Continue decon/demobilization; continue backfilling.

Technical Issues: None



Cone section of gravity prethickener.



Storm pipe removed and awaiting installation of boot.



Storm piping staged on northwest corner of OU-1.



View looking west of the enclosure from the west walkway.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T311-07.17.12 <u>Date:</u> 07/17/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Scott Campbell Jake Suer Evonna Crudup Zach McCoy	Temperature: Min. 71F / 99F Max. Wind: 0-10 MPH
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- sunny ; PM- sunny/hot		

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Decon of conveyors.
 - Commence washing of pad area.
- Water treatment (Complete)
 - Significant items-
 - Deconned Calgon equipment.
 - Removed Calgon vessel piping.
 - Continue packaging materials for final shipment.
 - Continued decon of frac tanks.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,497 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Completed removal of storm water pipe on west side of enclosure.
- Visitors to the site included: Matt Bowman (ARCADIS); Paul Bluestein (Tierra).

Project hours of operation 0600 to 1800

Health and Safety: None.

Communications: None

Tomorrow's Planned Activities Continue decon/demobilization.

Technical Issues: None



CHES personnel cleaning a bag filter.



Containers awaiting disposal.



Barges inside enclosure.



Empty carbon vessel awaiting final cleaning.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T312-07.18.12 <u>Date:</u> 07/18/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Scott Campbell <div style="float: right; text-align: right;"> Evonna Crudup Zach McCoy </div>	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny/hot /rain/hail		Temperature: Min. 71F / 104F Max. Wind: 0-50 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Final decon of conveyors/equipment.
 - Continue washing of pad area.
- Water treatment (Complete)
 - Significant items-
 - Continue removal of piping from Calgon equipment.
 - Deconned Calgon equipment.
 - Removed 4 frac tanks off pad for pick up.
 - Continue packaging materials for final shipment.
 - Continued decon of frac tanks.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,497 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Visitors to the site included: None.

Project hours of operation 0600 to 2300

Health and Safety:

- A significant rain event occurred late in day involving thunder/lighting. A SWA was issued a followed by all subcontractors. Due to the significance amount of rain, CHES/ARCADIS personnel stayed late to handle storm water.

Communications: None

Tomorrow's Planned Activities Continue decon/demobilization.

Technical Issues: None



Cleaned frac tanks awaiting pickup from Adler.



Storm pipe removed and awaiting installation of boot.



View inside a frac tank.



View of floating dock at north end of UPF.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T313-07.19.12 <u>Date:</u> 07/19/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Scott Campbell <div style="float: right; text-align: right;"> Evonna Crudup Zach McCoy </div>	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Michael Hoppe		
Weather: AM- overcast ; PM- partly cloudy		Temperature: Min. 72F / 77F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Completed washing of pad area.
 - Performed walk about of pad area.
 - Continue packaging of materials for shipment.
- Water treatment (Complete)
 - Significant items-
 - Continue removal of piping from Calgon equipment.
 - Deconned Calgon equipment.
 - Awiatt pick up of 4 frac tanks off the pad.
 - Continue packaging materials for final shipment.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,497 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Weeks performed partial survey of cells 1,2,3 5.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: None

Tomorrow's Planned Activities

- Continue decon/demobilization; remove equipment from SECI barge.

Technical Issues: None



Belt underneath filter press.



Catch basin located near process tanks.



View of SECI processing pad.



CHES personnel preparing to clean a carbon vessel.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T314-07.20.12 <u>Date:</u> 07/20/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Scott Campbell	Evonna Crudup
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Michael Hoppe		
Weather: AM- overcast/rain ; PM- overcast/drizzle		Temperature: Min. 64F / 73F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Off loaded equipment from SECI enclosure barge.
 - Continue packaging of materials for shipment.
- Water treatment (Complete)
 - Significant items-
 - Completed decon of remaining tanks on site not in use.
 - Deconned Calgon equipment.
 - Await pick up of 4 frac tanks off the pad.
 - Continue packaging materials for final shipment.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,497 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Visitors to the site included: None.

Project hours of operation 0600 to 1800

Health and Safety: None

Communications: None

Monday's Planned Activities Continue decon/demobilization; restart backfilling.

Technical Issues: None



Man lift deconned and ready to be taken off site.



Backfill inside barge awaiting placement.



Excavator being offloaded from SECI barge.



View looking west of the enclosure from the east walkway.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T315-07.23.12 <u>Date:</u> 07/23/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Scott Campbell <div style="float: right; text-align: right;"> Evonna Crudup Zach McCoy </div>	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler; Ken Maley		
Weather: AM- sunny ; PM- overcast		Temperature: Min. 71F / 87F Max. Wind: 0-20 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Continue packaging of materials for shipment.
- Water treatment (Complete)
 - Significant items-
 - Completed decon of remaining tanks on site not in use.
 - Deconned Calgon equipment.
 - Adler picked up 2 frac tanks.
 - Continue packaging materials for final shipment.
- Disposal (Personnel off site)
 - Material shipped off site – 6 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing.
- Continue backfilling.
- Visitors to the site included: Joe Molina (ARCADIS).

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



Sample containers being sorted and disposed of.



Weeks 518 crane barge arriving at site.



Electrical subpanel removed from frac tank.



Man lifts being removed from the site.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T316-07.24.12 <u>Date:</u> 07/24/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Michael Pelenski Scott Campbell <div style="float: right; text-align: right;"> Evonna Crudup Zach McCoy </div>	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 71F / 94F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Complete demob activities.
- Water treatment (Complete)
 - Significant items-
 - Removed all Calgon carbon vessels and applicable piping from the site.
 - Removed 2 pump buildings from site.
 - Removed sets of MMF and bag filters.
 - Continue packaging materials for final shipment.
- Disposal (Personnel off site)
 - Material shipped off site – 6 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing and began decon of processing pad.
- Continue backfilling.
- Visitors to the site included: None.

Project hours of operation 0600 to 1900

Health and Safety: None

Communications: Periodic external project conference call.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



Concrete block cleaned and staged.



**Lifting Calgon carbon vessels
onto trucks for transport.**



CHESW pump houses being shipped off site.



One truckload of filter units being shipped off site.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T317-07.25.12 <u>Date:</u> 07/25/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Evonna Crudup Scott Campbell Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 71F / 92F Max. Wind: 0-60 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Load out of CHES supplies and equipment.
 - Continue packaging materials for final shipment.
- Disposal (Personnel off site)
 - Material shipped off site – 6 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing and deconning of the process pad area.
- Continue backfilling.
- Visitors to the site included: Rob Reed (ARCADIS).

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



CHES equipment leaving the site.



Crane mats used for supporting the frac tanks on the CHESW pad.



Commence washing of consolidation area near coarse solids.



SECI skid steer ready to be shipped off site.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T318-07.26.12 <u>Date:</u> 07/26/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks SECI CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Evonna Crudup Scott Campbell Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- rain/sunny ; PM- sunny		Temperature: Min. 71F / 92F Max. Wind: 0-20 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
 - Significant items-
 - Load out equipment.
 - Secure site.
- Water treatment (Complete)
 - Significant items-
 - Decon pad.
 - Took off the pad 2 frac tanks.
 - Continue packaging materials for final shipment.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing and deconning of the process pad area.
- Continue backfilling.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: None

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



Weeks personnel performing repair work on the 385 excavator.



Weeks personnel performing repair work on the 518 crane barge.



Work being performed on the SW property adjacent to the enclosure.



Clean Harbors personnel performing final decon of the WTS pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T318-07.27.12 <u>Date:</u> 07/27/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- rain/sunny ; PM- sunny		Temperature: Min. 72F / 90 F Max. Wind: 5-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Decon pad.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS continued consolidation of solids from processing and deconning of the process pad area.
- Continue backfilling.
- Visitors to the site included: None.

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: Evonna Crudup's last day on the project site was today.

Monday's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



**ARCADIS personnel completing
decon of coarse solids area.**



View of SECI processing area looking west.



CHESW power washing water treatment pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T320-07.30.12 <u>Date:</u> 07/30/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks DPK CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 68F / 84F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Decon pad.
 - Cusco on site removing solids from temp WTS tanks.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- Removed SECI secondary office trailer from site.
- DPK performed optical survey monitoring.
- Arrival of Weeks 500 crane barge.
- ARCADIS completed deconning of the process pad area.
- ARCADIS consolidated solids from tank cleaning.
- Continue backfilling.
- Visitors to the site included: Newark Fire/Police departments.

Project hours of operation 0600 to 1800

Health and Safety:

- At approximately 0845, a floating corpse was discovered within the project work zone outside the enclosure. A SWA was issued, during which time the police and fire departments took care of the issue. Weeks and CHESW resumed full work activities after 1130.

Communications: None.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



Local government personnel onsite taking care of on scene incident.



Weeks 500 crane barge arriving on site.



View from enclosure looking east.



Weeks performing backfilling operations.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T321-07.31.12 <u>Date:</u> 07/31/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- cloudy/ partly sunny ; PM- sunny		Temperature: Min. 70F / 82F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final Decon of pad.
 - Cusco on site removing solids from catch basins
 - Cusco begins cleaning of remaining frac tanks.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS consolidated solids from catch basin cleaning.
- Continue backfilling.
- Visitors to the site included: Jim Mack (Morris).

Project hours of operation 0600 to 1800

Health and Safety: None

Communications: None.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



Full barge ready to be unloaded.



Weeks backfilling with 385 excavator.



View from flood wall looking west.



Cleaned catch basin.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T322-08.01.12 <u>Date:</u> 08/01/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- cloudy/ rain ; PM- rain/cloudy		Temperature: Min. 70F / 82F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final Decon of pad.
 - Cusco on site removing solids and cleaning from frac tanks.
 - Rain event impacted overall schedule for removal of temp system approximately one day.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS consolidated solids from catch basin cleaning.
- Continue backfilling.
- Visitors to the site included: Joe Molina, Matt Bowman (ARCADIS).

Project hours of operation 0600 to 1800

Health and Safety: None

Communications: None.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



View of UPF looking west from security shack.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T322-08.02.12 <u>Date:</u> 08/02/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 68F / 92F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final Decon of pad.
 - Cusco on site removing solids and cleaning from frac tanks.
 - Commenced cleaning of sand filter unit.
 - Final day of temporary treatment plant operations.
 - Removed 4 frac tanks from processing pad.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS consolidated solids from catch basin and frac tank cleaning.
- Continue backfilling.
- Commenced removal of mattresses.
- Visitors to the site included: Matt Bowman (ARCADIS); Paul Bluestein (Tierra); Ben Leff (B&C); David Kluesner (USEPA).

Project hours of operation 0600 to 2000

Health and Safety: None

Communications: None.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



ARCADIS personnel consolidating solids at sunset.



ARCADIS moving clean frac tanks off the processing pad.



Preparing to remove remaining frac tanks from the processing pad.



View of CHESW processing pad looking west.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T324-08.03.12 <u>Date:</u> 08/03/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 74F / 93F Max. Wind: 5-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final Decon of pad.
 - Cusco on site removing solids and cleaning from sand filters and carbon vessels.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS consolidated solids from catch basin and frac tank cleaning.
- ARCADIS performed decon operations for equipment.
- Continue backfilling.
- Continued removal of mattresses and placement within enclosure.
- Visitors to the site included: None.

Project hours of operation 0600 to 1800

Health and Safety: None

Communications: None.

Tomorrow's Planned Activities Continue decon/demobilization.

Technical Issues: None



CHES cleaning the process pad.



CHES cleaning sand filters.



View looking southwest of the process pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T325-08.04.12 <u>Date:</u> 08/04/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns	<u>Day of Week:</u> <u>S M T W T F [S]</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 76F / 96F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final Decon of hose/fittings.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- ARCADIS performed decon operations for equipment.
- Weeks moved 518 barge.
- Visitors to the site included: None.

Project hours of operation 0700 to 1700

Health and Safety: None

Communications: None.

Monday's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T326-08.06.12 <u>Date:</u> 08/06/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor :</u> Weeks CHESW DPK Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 72F / 89F Max. Wind: 5-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final Decon of pad; hose from temporary water treatment system.
 - Cusco on site removing solids and cleaning from carbon vessels.
- Disposal (Personnel off site)
 - Material shipped off site – 0 containers
 - Material shipped off site to date – 1,503 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- DPK performed optical survey monitoring of the wall.
- ARCADIS consolidated solids from Calgon carbon vessels.
- ARCADIS performed decon operations for equipment.
- Continue backfilling.
- Continued removal of mattresses and placement within enclosure.
- Visitors to the site included: N Y Times photographer, Dave Kleusner (USEPA).

Project hours of operation 0600 to 1830

Health and Safety: None

Communications: None.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



CHES cleaning the temporary treatment system sand filters.



Adler picking up remaining frac tanks.



Bag and sand filters from temporary treatment plant awaiting pick up.



View of Weeks 500 crane getting ready to pick up mattresses.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T327-08.07.12 <u>Date:</u> 08/07/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler, Ken Maley		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 68F / 88F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final Decon of pad; hose from temporary water treatment system.
 - Cusco on site removing solids and cleaning from carbon vessels.
- Disposal (Personnel off site)
 - Material shipped off site – 1 container
 - Material shipped off site to date – 1,504 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS consolidated solids from Calgon carbon vessels.
- ARCADIS performed decon operations for equipment.
- Continue backfilling.
- Completed removal of mattresses and placement within enclosure.
- Visitors to the site included: None.

Project hours of operation 0600 to 1930

Health and Safety: None

Communications: Periodic progress meeting held.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



Rain for rent containers cleaned and available for pick up.



Backhoe deconned.



10 inch pump used for the water treatment system disassembled and ready for pickup.



View of hosing used in the temporary treatment system ready for pick up.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T327-08.08.12 <u>Date:</u> 08/08/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: None USEPA/USACE Representatives: Michael Hoppe		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 71F / 88F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Completed final decon of pad.
 - Cusco on site removing solids and cleaning from pump station and catch basins.
- Disposal (Personnel off site)
 - Material shipped off site – 0 container
 - Material shipped off site to date – 1,504 containers
 - Significant items- none.
- Continued monitoring at the enclosure.
- ARCADIS consolidated solids from Calgon carbon vessels.
- ARCADIS performed decon operations for equipment.
- Continue backfilling.
- Visitors to the site included: None.

Project hours of operation 0600 to 1930

Health and Safety: None

Communications: None.

Tomorrow's Planned Activities Continue decon/demobilization; backfilling.

Technical Issues: None



CHES picking up the temporary treatment system carbon vessels.



Filters and misc. equipment loaded on a trailer bound for Michigan.



Excavator cleaned and ready for pick up.



View of clean catch basin.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T327-08.09.12 <u>Date:</u> 08/09/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny ; PM- cloudy ; rain		Temperature: Min. 70F / 88F Max. Wind: 5-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Complete)
- Water treatment (Complete)
 - Significant items-
 - Final walk around with client and CHES of the processing pad area.
 - Removal of several pieces of rental equipment (pumps, power washers, loll).
 - Disconnect electricity to CHES trailer.
- Disposal (Personnel off site)
 - Material shipped off site – 0 container
 - Material shipped off site to date – 1,504 containers
 - Significant items
 - Removal of 2 drums of white phosphorous.
 - Removal of 2 gas cylinders.
- Continued monitoring at the enclosure.
- ARCADIS consolidated solids from all remaining operations.
- ARCADIS performed final decon operations for equipment.
- Continue backfilling.
- Visitors to the site included: Paul Bluestein (Tierra).

Project hours of operation 0600 to 1800

Health and Safety: None

Communications: None.

Tomorrow's Planned Activities Continue demobilization; backfilling.

Technical Issues: None



Anhydrous ammonia cylinder too long to fit into transport casing.



View of processing pad looking northwest.



CHES personnel working on gas cylinder.



View of clean rental loll.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T330-08.10.12 <u>Date:</u> 08/10/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor :</u> Weeks CHESW Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Michael Hoppe		
Weather: AM- cloudy/rain ; PM- cloudy/rain		Temperature: Min. 73F / 88F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
 - Significant items-
 - Remaining personnel off site.
 - Removal of several pieces of rental equipment (mix boxes).
- Disposal (Personnel off site)
 - Material shipped off site – 4 containers
 - Material shipped off site to date – 1,508 containers
 - Significant items
 - Last containers leaving site.
- Continued monitoring at the enclosure.
- ARCADIS performed demobilization operations for equipment.
- Continue backfilling.
- Visitors to the site included: None.

Project hours of operation 0600 to 1600

Health and Safety: None

Communications: None.

Monday's Planned Activities Continue demobilization; backfilling.

Technical Issues: None



UPF pump station set up for sheet flow operations.



ARCADIS personnel tarping last container.



View of entrance to UPF site.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T332-08.14.12 <u>Date:</u> 08/14/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zach McCoy Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler, Ken Maley		
Weather: AM- overcast/light rain ; PM- partly cloudy		Temperature: Min. 70F / 88F Max. Wind: 5-10 MPH SSE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- Continued with CQA monitoring at the enclosure.
- ARCADIS performed demobilization operations for locking up the UPF Site.
- Continue backfilling enclosure
 - Placed ~ 1,596 CY of Tilcon grits in cells 1, 2, 3, 7 and 8
 - To date a total of ~ 29,847 CY of backfill material has been delivered to the site for placement.
 - Estimated that 75% of the backfill is placed with some fine grading needed for completion.
- Visitors to the site included: None.

Project hours of operation 0600 to 1600

Health and Safety: None

Communications: None.

Wednesday's Planned Activities:

- Backfilling enclosure
- Perform transect soundings for backfill
- Disassemble and demobilize scaffolding used for tarping /untarping station during operations

Technical Issues: None



View of Weeks 500 crane used for backfilling



View of bucket used for backfilling



View of CAT 385 excavator used for placing backfill



Backfill material placed in the 216 barge

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T333-08.15.12 <u>Date:</u> 08/15/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractors :</u> Weeks All Safe Scaffolding Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zack McCoy Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- cloudy ; PM- heavy rain/thunderstorms		Temperature: Min. 68F / 88F Max. Wind: 5-10 MPH S

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- Continued with CQA monitoring at the enclosure.
- ARCADIS/Weeks performed transect soundings for verifying backfill elevation.
 - Transects stations recorded every 25' from west to east and soundings performed every 10 ft. from south to north along transect.
 - Transect soundings were performed from stations 1+25 thru 1+75.
 - Results will be documented in the CQA Report.
- ARCADIS performed demobilization operations for locking up the UPF Site.
- ARCADIS cleaned and organized office space in the OU-1 warehouse.
- All Safe Scaffolding disassembled tarping/untarping station at the UPF used for EPIC containers during operations. All scaffolding components have not been removed from the site.
- Continue backfilling enclosure
 - Placed ~ 1,644 CY of Tilcon grits in cells 7, 8, and 9
 - To date a total of ~ 31,491 CY of backfill material has been delivered to the site and placed in the enclosure.
 - Estimated that ~79% of the total backfill is placed with some fine grading needed for completion.
- 20" walk behind saw w/diamond blade delivered to the UPF site @ 1800 by Hertz. Saw will be used to cut asphalt for sampling surrogate sampling boxes later in the week.
- Visitors to the site included: None.

Project hours of operation 0600 to 1600

Health and Safety: None

Communications: None.

Wednesday's Planned Activities:

- Backfilling enclosure
- Perform transect soundings for backfill

Technical Issues: None



Placing backfill with the 500 crane



Placing backfill with the CAT 385



Weeks performs soundings along south wall of enclosure across from S-W property



Disassembled scaffolding from tarping station staged on the UPF site for demobilization

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T334-08.16.12 <u>Date:</u> 08/16/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractors :</u> Weeks All Safe Scaffolding Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Zack McCoy Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley, Matt Creamer		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 72F / 90F Max. Wind: 5-10 MPH NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (complete)
- Continued with CQA monitoring at the enclosure.
- ARCADIS performed demobilization operations for locking up the UPF Site.
- ARCADIS cleaned and organized office space in the OU-1 warehouse.
- USACE demobilized their office equipment from construction trailer at the UPF site.
- All Safe Scaffolding demobilized all scaffolding components used for tarping/untarping station at the UPF
- Continue backfilling enclosure
 - Placed ~ 1,659 CY of Tilcon grits in cells 7, 8, and 9. Some grit placed in cells 4, 5, and 6 to finalize grade.
 - To date a total of ~ 33,150 CY of backfill material has been delivered to the site and placed in the enclosure.
 - Estimated that ~83% of the total backfill is placed with some fine grading needed for completion.
- Prepare for surrogate sample box sampling by marking out lines on asphalt for saw cutting.
- Visitors to the site included: Coleman King (ARCADIS), Paul Bluestein (Tierra)

Project hours of operation 0600 to 1600

Health and Safety: None

Communications: None.

Friday's Planned Activities:

- Backfill enclosure
- Perform transect soundings for backfill
- Begin sample collection for surrogate sampling boxes at the UPF site

Technical Issues: None



Placing backfill with the 500 crane



Placing backfill with the CAT 385



Fine grading backfill with the 385 excavator



Surrogate sampling box PRRR1SOLPC-15 marked out for saw cutting

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T335-08.17.12 <u>Date:</u> 08/17/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- sunny ; PM- sunny		Temperature: Min. 67F / 91F Max. Wind: 5-10 MPH SW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- Continued with CQA monitoring at the enclosure.
- ARCADIS/Weeks performed transect soundings for verifying backfill elevation.
 - Transects stations recorded every 25' from west to east and soundings performed every 10 ft. from south to north along transect.
 - Transect soundings were performed from stations 2+00 thru 2+50.
 - Results will be documented in the CQA Report.
- Continue backfilling enclosure
 - Placed ~ 1,628 CY of Tilcon grits in cells 7, 8, and 9. Some grit placed in cells 4, 5, and 6 to finalize grade.
 - To date a total of ~ 34,778 CY of backfill material has been delivered to the site and placed in the enclosure.
 - Estimated that ~87% of the total backfill is placed with some fine grading needed for completion.
- Saw cut asphalt and removed DGA sub base for locating surrogate sample boxes PRR1SOLPC-12 & PRR1SOLPC-15 at the UPF site.
 - Installed surrogate sampling box locations are off slightly from locations surveyed in by DPK
 - Surrogate sampling box construction materials could be seen along perimeter of saw cuts
 - Holes were backfilled and asphalt will be re-cut for locating surrogate sample box locations 12 & 15.
 - Weeks mobilized to the UPF site and used their GPS base station to confirm that DPK survey marks are correct.
- Visitors to the site included: none

Project hours of operation 0600 to 1600

Health and Safety: ARCADIS staff performed tip on JTI staff saw cutting for surrogate sampling boxes

Communications: None.

Monday's Planned Activities:

- Backfill enclosure
- Perform transect soundings for backfill
- Continue sample collection for surrogate sampling boxes at the UPF site

Technical Issues: None



Placing backfill along OU-1 floodwall



**Saw cut asphalt for collecting sample from
PRR1SOLPC-15**



Locating surrogate sampling box PRR1SOLPC-15



**Surrogate sampling box PRRR1SOLPC-12 location
backfilled and remarked for location**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T336-08.20.12 <u>Date:</u> 08/20/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	<u>Day of Week:</u> <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- overcast ; PM- mostly cloudy		Temp: Min. 64°F /80°F Max. Wind: 5-15 MPH from SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- Continued with CQA monitoring at the enclosure.
- Continue backfilling enclosure
 - Placed ~ 800 CY of Tilcon grits in cells 6, 7, and 8.
 - Graded backfill in cells 6, 7, and 8 to finalize backfill elevation.
 - To date a total of ~ 35,578 CY of backfill material has been placed in the enclosure.
 - Estimated that ~89% of the total backfill is placed with some fine grading needed for completion.
- Continued saw cutting, and removing asphalt and DGA sub-base for locating surrogate sample box PRR1SOLPC-12 in the water treatment pad at the UPF site.
 - Sample box was not found at the design intended location surveyed by DPK using coordinates from Design Drawing C-2.
 - Weeks also confirmed the design intended sample box location with their GPS base station last Friday (08/17).
- Mark out saw cuts on asphalt for locating sample box PRR1SOLPC-15
- Visitors to the site included: none

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None.

Tuesday's Planned Activities:

- Backfill enclosure
- Continue locating surrogate sample box PRR1SOLPC-12
- Collect sample from surrogate sample box PRR1SOLPC-15

Technical Issues: None



Weeks 500 crane placing backfill



View of enclosure looking west



ARCADIS staff preparing for inclinometer monitoring



Locating surrogate sampling box PRR1SOLPC-12 at the UPF site

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T337-08.21.12 <u>Date:</u> 08/21/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- overcast ; PM- mostly cloudy		Temp: Min. 67°F /83°F Max. Wind: 5-15 MPH from NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- Continued with CQA monitoring at the enclosure.
- Continue backfilling enclosure
 - Placed ~ 1000 CY of Tilcon grits in cells 6, 7, and 8.
 - Graded backfill in cells 6, 7, and 8 to finalize backfill elevation.
 - To date a total of ~ 36,578 CY of backfill material has been placed in the enclosure.
 - Estimated that ~91% of the total backfill is placed with some fine grading needed for completion.
- Continued saw cutting, and removing asphalt and DGA sub-base for locating surrogate sample box PRR1SOLPC-12 in the water treatment pad at the UPF site.
 - Sample box was not found at the design intended location surveyed by DPK using coordinates from Design Drawing C-2.
 - Weeks also confirmed the design intended sample box location with their GPS base station last Friday (08/17).
- Saw cut asphalt, and remove asphalt and DGA sub-base for collecting sample from PRR1SOLPC-15
- Collect sample from surrogate sample box PRR1SOLPC-15 in water treatment pad. Package and ship sample to Vista.
- Visitors to the site included: none

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None.

Wednesday's Planned Activities:

- Backfill enclosure
- Perform transect soundings for backfill
- Continue searching for surrogate sample box PRR1SOLPC-12

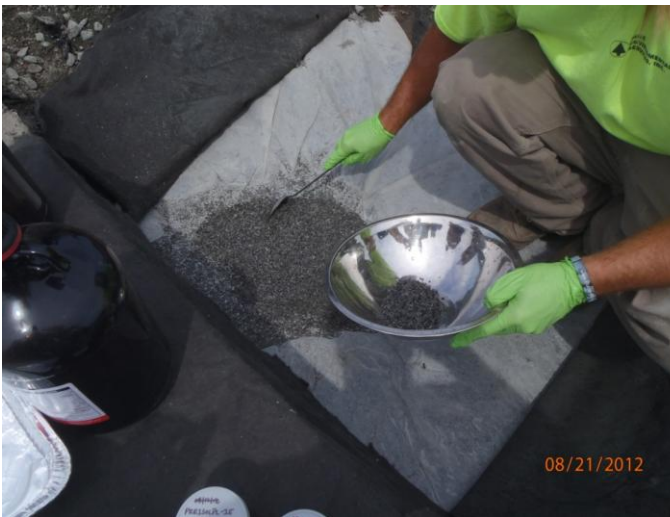
Technical Issues: None



Hand digging to locate PRR1SOLPC-15



View of exposed sample box PRR1SOLPC-15



ARCADIS staff composite mixing sample



Samples collected from PRR1SOLPC-15

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T338-08.22.12 <u>Date:</u> 08/22/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> Weeks Williams Scotsman Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- partly cloudy ; PM- mostly cloudy		Temp: Min. 68°F /84°F Max. Wind: 5-10 MPH from SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- Continued with CQA monitoring at the enclosure.
- ARCADIS/Weeks performed transect soundings for verifying backfill elevation.
 - Transects stations recorded every 25' from west to east and soundings performed every 10 ft. from south to north along transect.
 - Transect soundings were performed from stations 2+75 thru 3+00.
- Results will be documented in the CQA Report.
- Continue backfilling enclosure
 - Placed ~ 1385 CY of Tilcon grits in cells 6, 7, and 8.
 - Graded backfill in cells 6, 7, and 8 to finalize backfill elevation.
 - To date a total of ~ 37,963 CY of backfill material has been placed in the enclosure.
 - Estimated that ~95% of the total backfill is placed with some fine grading needed for completion.
- Finished saw cutting, and removing asphalt and DGA sub-base for locating surrogate sample box PRR1SOLPC-12 at the UPF site.
 - An area of ~ 1,224 sq. ft. (a box 34' ft. x 36' ft.) of the water treatment pad was removed searching for PRR1SOLPC-12
 - Sample box was not located and search for PRR1SOLPC-12 was abandoned at the direction of the client.
 - In conclusion it is probable that surrogate sampling box PRR1SOLPC-12 may have been accidentally bladed off during installation of the DGA asphalt sub base last September during construction.
- Demobilize CHES construction trailer from the UPF site.
- Visitors to the site included: Paul Bluestein (Tierra); Matt Bowman (ARCADIS)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None.

Thursday's Planned Activities:

- Backfill enclosure
- Backfill excavated area in asphalt searching for surrogate sample box PRR1SOLPC-12

Technical Issues: None

Photo Log:



Backfilling enclosure with the 500 crane



Gear used for performing backfill transect soundings placed in Weeks skiff



CHES water construction trailer demobilized



Area excavated in water treatment pad searching for PRR1SOLPC-12

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T339-08.23.12 <u>Date:</u> 08/23/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- partly cloudy; PM- partly cloudy		Temp: Min. 65°F /87°F Max. Wind: 5-10 MPH from SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- Continued with CQA monitoring at the enclosure.
- Continue backfilling enclosure
 - Placed ~ 1,691 CY of Tilcon grits in cells 6, 7, 8, and 10.
 - Graded backfill in cells 6, 7, and 8 to finalize backfill elevation.
 - To date a total of ~ 39,654 CY of backfill material has been placed in the enclosure.
 - Estimated that ~99% of the total backfill is placed with some fine grading needed for completion.
- Backfilled area excavated in the water treatment pad searching for sample box PRR1SOLPC-12.
- Visitors to the site included: Bart Hiemstra and Neil Geevers (SECI)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Friday's Planned Activities:

- Backfill enclosure
- Perform transect and single beam soundings

Technical Issues: None

Photo Log:



Placing backfill material in 216 barge for placement in the enclosure



Grading backfill with the 385



Demarcation geotextile layer reinstalled in area excavated searching for PRR1SOLPC-12



Backfilling area excavated in water treatment pad searching for PRR1SOLPC-12

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T340-08.24.12 Date: 08/24/12 Day of Week: <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- partly cloudy; PM- partly cloudy		Temp: Min. 65°F /87°F Max. Wind: 5-10 MPH from SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- Completed all CQA monitoring at the enclosure.
 - Inclinator, Enclosure, and Bird monitoring forms
 - Tide Gauge data
- ARCADIS/Weeks performed transect soundings for verifying backfill elevation.
 - Transects stations recorded every 25' from west to east and soundings performed every 10 ft. from south to north along transect.
 - Transect soundings were performed from stations 3+25 thru 3+50.
 - Results will be documented in the CQA Report.
- Continue backfilling enclosure
 - Placed ~ 1,674 CY of Tilcon grits in cells 6, 7, 8, and 9.
 - To date a total of ~ 41,328 CY of backfill material has been placed in the enclosure.
 - Estimated that ~99% of the total backfill is placed with some fine grading needed for completion.
- Backfilled area excavated in the water treatment pad searching for sample box PRR1SOLPC-12.
- Visitors to the site included: Bart Hiemstra and Neil Geevers (SECI)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Monday's Planned Activities:

- Backfill enclosure
- Remove Eagle-Eye bird deterrent devices
- Remove tide gauges and boards

Technical Issues: None

Photo Log:



View of backfill operations from the water



ARCADIS/Weeks staff prepare for sounding backfill



ARCADIS staff verifies concrete mattress removal



Backfilling area excavated in water treatment pad searching for PRR1SOLPC-12

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T341-08.27.12 <u>Date:</u> 08/27/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> Weeks DPK Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- rain/thunderstorms; PM- mostly cloudy		Temp: Min. 71°F /82°F Max. Wind: 5-10 MPH from SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- DPK removed all tide gauges and tide boards from outside the enclosure.
- Weeks removed all Eagle-Eye bird deterrent devices and placed them in the OU-1 warehouse.
- Continue backfilling enclosure
 - Placed ~ 1,626 CY of Tilcon grits in the enclosure
 - Used the Weeks 500 crane to place grit in cells 10, 11, and 12.
 - Used the CAT 385 to place and grade grit in cells 4, 5, 6, 7, 8, 9 and 10 to finalize backfill elevation.
 - To date a total of ~ 42,954 CY of backfill material has been placed in the enclosure.
 - Estimated that ~99% of the total backfill is placed with some fine grading needed for completion.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety:

- At 1145 a SWA was implemented at the enclosure due to heavy thunderstorms and lightning strikes. Work resumed around 1300.

Communications: None

Tuesday's Planned Activities:

- Backfill enclosure
- Weeks will perform single beam soundings
- Remove tilt meter
- Miscellaneous clean-up and demob activities at the UPF site

Technical Issues: None

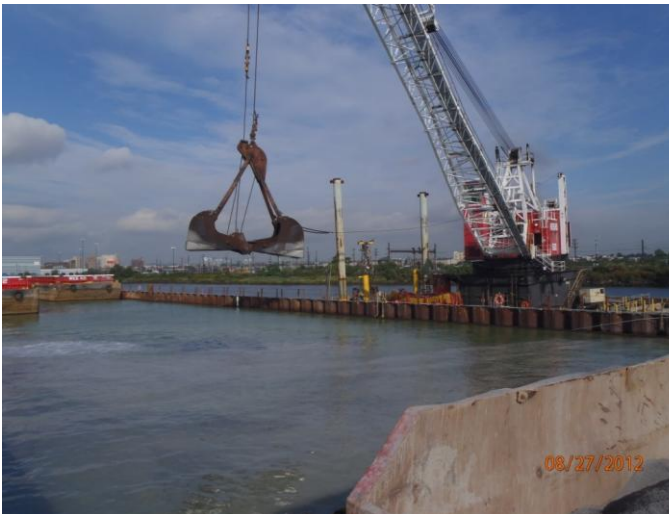
Photo Log:



Grading backfill along the NE corner of the enclosure



Grit loaded into the 216 for placing and grading backfill



500 crane placing backfill



DPK & ARCADIS/JTI staff remove tide board from outside the enclosure

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T342-08.28.12 <u>Date:</u> 08/28/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Guardian Fence Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer		
Weather: AM- rain; PM- partly cloudy		Temp: Min. 74°F /89°F Max. Wind: 5-20 MPH from SW/NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- ARCADIS field staff:
 - Removed tilt meter from pile in front of the wood bulkhead wall to the east of OU-1.
 - Performed clean-up and demob activities at the UPF site
 - Filled in and graded off the low areas in the DGA around perimeter of the asphalt pad.
 - Construction oversight
- Continue backfilling enclosure:
 - Placed ~ 800 CY of Tilcon grits in the enclosure.
 - Used the Weeks 500 crane to place grit in cells 10, 11, and 12.
 - Used the CAT 385 to place and grade grit in cells 6, 7, and 8 to finalize backfill elevation.
 - To date a total of ~ 43,754 CY of backfill material has been placed in the enclosure.
 - Backfill is 99% substantially complete excluding final grading needed for completion.
- Closing cable on the Week's 500 bucket failed while placing grit into the 216 barge. Cable was repaired first thing in the morning and backfilling operations resumed.
- Week's 500 crane went down with mechanical issues around 1500. Gear coupling between the torque converter and hoist chain drive failed. Mechanic will be on-site tomorrow to assess damage and remove failed part.
- Guardian fence was on-site to assess scope of work required for re-installing the chain link fence on the OU-1 floodwall. Guardian will provide Weeks with a cost estimate for re-installing fence.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

- Grade backfill in the enclosure
- Perform soundings
- Work on repairing the 500 crane
- Miscellaneous clean-up and demob activities at the UPF site

Technical Issues: None

Photo Log:



Placing backfill with the 500 crane



View looking east of enclosure backfill activities



Weeks performing soundings to verify backfill elevations



View looking NE of the pump station area at the UPF site after rain event

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T343-08.29.12 <u>Date:</u> 08/29/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- clear; PM- partly cloudy		Temp: Min. 65°F /83°F Max. Wind: 5-20 MPH from NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- ARCADIS field staff
 - Performed clean-up and demob activities at the UPF site.
 - Filled in and graded off the low areas in the DGA around perimeter of the asphalt pad.
- Continue backfilling enclosure
 - No additional backfill was placed into the enclosure due to repair work on the Weeks 500 crane.
 - Used the CAT 385 to place and grade grit in cells 7 and 8 to finalize backfill elevation.
 - To date a total of ~ 43,754 CY of backfill material has been placed in the enclosure.
 - Backfill is 99% substantially complete excluding final grading needed for completion.
- Week's mechanic removed damaged gear coupling from the 500 crane. Crane repair expected to be complete on Thursday 08/30. Weeks will mobilize the 518 crane to replace the 500.
- Nicholson on-site to re-survey the tiebacks, and assess materials and equipment needed for the de-stressing and completion of the long term survivability installation of the tiebacks
- Visitors to the site included: Coleman King (CK); Bart Hiemstra (SECI)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Thursday's Planned Activities:

- Grade backfill in the enclosure
- Perform soundings
- Complete repair of the 500 crane
- Mobilize the 518 crane to replace the 500
- Miscellaneous clean-up and demob activities at the UPF site

Technical Issues: None

Photo Log:



Repair work continues on the 500 crane



385 performing final grade of backfill



Weeks performing soundings to verify backfill elevations



View looking NW of backfill operations

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T344-08.30.12 <u>Date:</u> 08/30/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Craig Burns Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny; PM- clear		Temp: Min. 61°F /85°F Max. Wind: 5-15 MPH from W

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- ARCADIS field staff:
 - Performed clean-up and demob activities at the UPF site.
 - Filled in and graded off low areas in DGA around perimeter of the asphalt pad.
 - Construction oversight.
- Continue backfilling enclosure:
 - No additional backfill was placed into the enclosure due to repair work on the Weeks 500 crane.
 - Used the CAT 385 to place and grade grit in cells 7 and 8 to finalize backfill elevation.
 - To date a total of ~ 43,754 CY of backfill material has been placed in the enclosure.
 - Backfill is 99% substantially complete excluding the final grading needed for completion.
- At 12:00 Week's mechanic completed repair of the 500 crane. The 500 crane was performance tested by moving some grit around.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Friday's Planned Activities:

- Place and grade backfill in the enclosure
- Perform soundings

Technical Issues: None

Photo Log:



385 grading backfill



View looking west of the backfill operations



View of backfill material in the 216 barge



View looking west of the UPF site and the regrading of low areas in DGA

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T345-08.31.12 <u>Date:</u> 08/31/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- sunny; PM- sunny		Temp: Min. 64°F /89°F Max. Wind: 0-20 MPH from SW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- ARCADIS field staff:
 - Construction oversight.
- Continue backfilling enclosure:
 - Placed ~ 808 CY of Tilcon grits in the enclosure.
 - Used the Weeks 500 crane to place grit in cell 7.
 - Used the CAT 385 to place and grade grit in cells 9 and 10 to finalize backfill elevation.
 - To date a total of ~ 44,562 CY of backfill material has been placed in the enclosure.
 - Backfill is 99% substantially complete excluding the final grading needed for completion.
- There will be no work at the site on Labor Day, Monday 09/03/12.
- Visitors to the site included: None

Project hours of operation: 0600 to 1800

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

- Place and grade backfill in the enclosure
- Perform soundings

Technical Issues: None

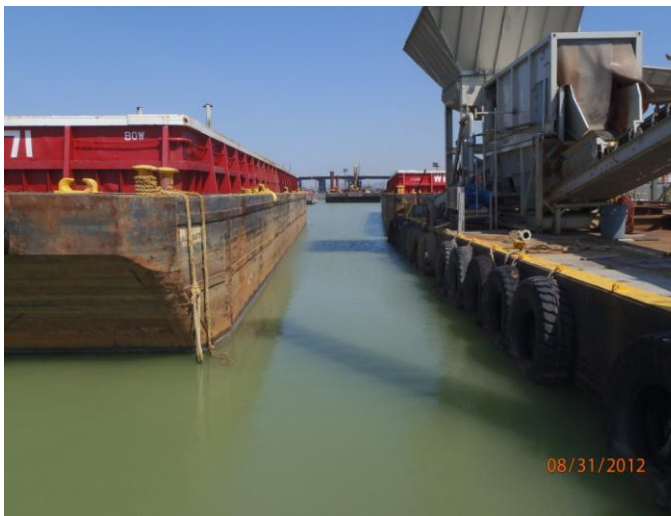
Photo Log:



Backfilling with the Weeks 500



View looking north of enclosure east end



View looking east of SECI 62 barge and material scow in enclosure



Confirming elevation of GPS instrument mounted on bucket of 385

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T346-09.04.12 <u>Date:</u> 09/04/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- overcast/rain; PM- rain		Temp: Min. 70°F /81°F Max. Wind: 0-15 MPH from NE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Today will be the last day for monitoring load cells on tie backs.
- ARCADIS field crew:
 - Construction oversight.
 - Straighten bending light poles at the UPF site
 - Adjust, shim, and re-tension anchor cable and turnbuckle on one light pole.
 - Re-shim another light pole
- Continue backfilling enclosure:
 - Placed ~ 800 CY of Tilcon grits in the enclosure.
 - Used the Weeks 518 crane to place grit in the 216 barge and cells 9, 11, and 12.
 - Used the CAT 385 to place and grade grit in cells 9, 11, and 12 to finalize backfill elevation.
 - To date a total of ~ 45,362 CY of backfill material has been placed in the enclosure.
 - Backfill is substantially complete excluding the final grading.
- Demobilized the Weeks 500 crane barge.
- Visitors to the site included: None

Project hours of operation: 0600 to 1700

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

- Place and grade backfill in the enclosure
- Perform soundings
- Begin de-stressing tie backs with load cells

Technical Issues: None

Photo Log:



Weeks 518 mobilized on-site for backfilling



385 grading backfill along east end of the floodwall



Weeks performing backfill soundings



ARCADIS crew re-tensioning anchor cable for light pole at the UPF

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T347-09.05.12 <u>Date:</u> 09/05/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security	<u>ARCADIS Personnel</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- overcast/rain; PM- mostly cloudy		Temp: Min. 70°F /85°F Max. Wind: 0-15 MPH from SW/NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue backfilling enclosure:
 - Placed ~ 600 CY of Tilcon grits in the enclosure.
 - Used the Weeks 518 crane to place grit in the 216 barge and cells 9, 11, and 12.
 - Used the CAT 385 to place and grade grit in cells 9, 11, and 12 to finalize backfill elevation.
 - To date a total of ~ 45,962 CY of backfill material has been placed in the enclosure.
 - Backfill is substantially complete excluding the final grading.
- Weeks performed soundings to verify backfill elevations
- Nicholson de-stressed six tie backs with load cells that were hit and damaged during operations (T-14, 24, 26, 30, 34, and 37). Due to damage incurred by tieback heads the hydraulic jack could not be utilized for de-stressing. The tie backs were de-stressed by using a torch as follows:
 - Galvanized caps were removed.
 - Retaining wedge locks were burned from head to release loads from each tieback strand.
 - Once tie backs were unloaded the shims and load cells were removed.
 - Tie back strands will be cut to size and new heads will be installed for re-stressing tiebacks to 90 kips when Nicholson remobilizes on the 17th of September.
 - Remaining 4 tiebacks with load cells will be de-stressed using hydraulic jack when Nicholson remobilizes.
- Visitors to the site included: None

Project hours of operation: 0600 to 1800

Health and Safety: None

Communications: None

Thursday's Planned Activities:

- Place and grade backfill in the enclosure
- Perform soundings

Technical Issues: None

Photo Log:



Weeks 518 placing grit in 216 barge



Backfill operations



Removing cap and tie back head



De-stressed tie back

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T348-09.06.12 <u>Date:</u> 09/06/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- overcast; PM- mostly cloudy		Temp: Min. 68°F /81°F Max. Wind: 0-10 MPH from SW/NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue backfilling enclosure:
 - Placed ~ 300 CY of Tilcon grits in the enclosure.
 - Used the Weeks 518 crane to place grit in the 216 barge.
 - Used the CAT 385 to place grit from the 216 barge, and grade grit in cells 10, 11, and 12 to finalize backfill elevation.
 - To date a total of ~ 46,262 CY of backfill material has been placed in the enclosure.
 - Backfill is substantially complete excluding the final grading.
- Weeks performed soundings to verify backfill elevations.
- Visitors to the site included: None

Project hours of operation: 0600 to 1930

Health and Safety: None

Communications: None

Friday's Planned Activities:

- Place and grade backfill in the enclosure
- Perform soundings

Technical Issues: None

Photo Log:



Weeks moving the 216 barge



Backfill operations



Weeks performing backfill soundings



Tug delivering new grit barge

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T349-09.07.12 <u>Date:</u> 09/07/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks Hometown Security	<u>ARCADIS Personnel</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- Hazy; PM- partly cloudy		Temp: Min. 80°F /90°F Max. Wind: 0-12 MPH from SW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue backfilling enclosure:
 - Placed ~ 800 CY of Tilcon grits in the enclosure.
 - Used the Weeks 518 crane to place grit in the 216 barge.
 - Used the CAT 385 to place grit from the 216 barge, and grade grit in cells 7, 8, and 9 to finalize backfill elevation.
 - To date a total of ~ 47,062 CY of backfill material has been placed in the enclosure.
 - Backfill is substantially complete excluding the final grading.
- Weeks performed soundings to verify backfill elevations.
- Visitors to the site included: None

Project hours of operation: 0600 to 1700

Health and Safety: None

Communications: None

Saturday's Planned Activities:

- Place and grade backfill in the enclosure
- Perform soundings

Technical Issues: None

Photo Log:



Wolfe repairs the 518's bucket



Placing backfill along the floodwall



Checking GPS elevation on 385 bucket with water elevation



Backfill operations

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T350-09.08.12 <u>Date:</u> 09/08/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel</u>	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- overcast/rain; PM- partly cloudy		Temp: Min. 71°F /85°F Max. Wind: 0-20 MPH from South

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue backfilling enclosure:
 - No additional grit was placed into the enclosure
 - Used the Weeks 518 crane to place grit in the 216 barge.
 - Used the CAT 385 to place grit from the 216 barge, and grade grit in cells 4, 5, 6, 7, 8, 9, &12 to finalize backfill elevation.
 - To date a total of ~ 47,062 CY of backfill material has been placed in the enclosure.
 - Backfill and final grading is 99% complete.
- Performed soundings to verify backfill elevations.
- Visitors to the site included: None

Project hours of operation: 0600 to 1630

Health and Safety: None

Communications: None

Monday's Planned Activities:

- Place and grade backfill in the enclosure
- Perform soundings and transects

Technical Issues: None

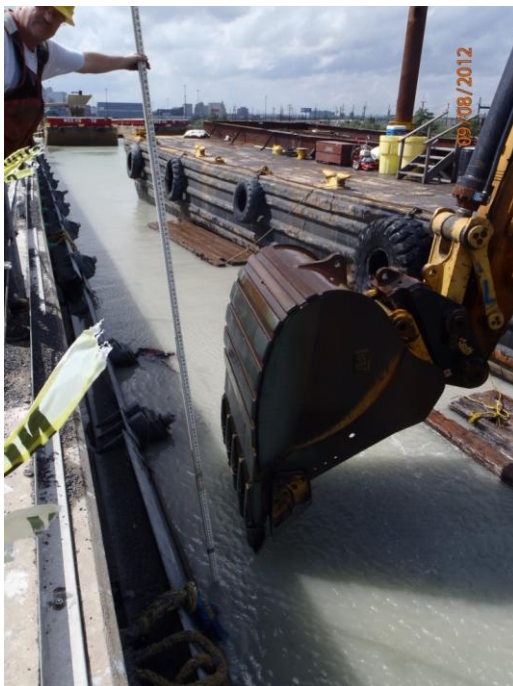
Photo Log:



Grading backfill with the 385



Placing backfill along the floodwall



Weeks performing soundings to verify backfill elevation



Sounding backfill along the floodwall

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T351-09.10.12 <u>Date:</u> 09/10/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- clear; PM- sunny		Temp: Min. 58°F /76°F Max. Wind: 5-20 MPH from NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue backfilling enclosure:
 - Placed ~ 787 CY of Tilcon grits in the enclosure
 - Used the Weeks 518 crane to place grit in Cell 7.
 - Used the CAT 385 to place grit from the 216 barge, and grade grit in cells 7, 11, &12 to finalize backfill elevation.
 - To date a total of ~ 47,849 CY of backfill material has been placed in the enclosure.
 - Backfill and final grading is 100% complete.
- Completed transect soundings to verify backfill elevations.
- Begin removing the hydraulic pipeline from the enclosure to the UPF site. Pipe is stored on the UPF site in 500' sections. Pipe will be cut into 50' sections at a later date.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

- Remove enclosure wales, walkways, and ancillary components
- Mobilize 541 crane and set mooring anchors
- Demobilize the 518 crane
- Continue removing hydraulic pipeline

Technical Issues: None

Photo Log:



Weeks 518 placing backfill



Team performing final backfill transect soundings



Enclosure pipeline cut and prepped for removal from the UPF site



Pulling pipeline from the enclosure onto the UPF site

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T352-09.11.12 <u>Date:</u> 09/11/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Jake Suer Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- clear; PM- sunny		Temp: Min. 53°F /77°F Max. Wind: 0-10 MPH from NW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Begin removing enclosure wales, walkways, and ancillary components from the west end working east.
- Mobilized the Weeks 541 crane barge and set mooring anchors
- Demobilized the Weeks 518 crane barge
- Completed removing the hydraulic pipeline from the enclosure to the UPF site. Pipe is stored on the UPF site in 500' sections. Pipe will be cut into 50' sections at a later date.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

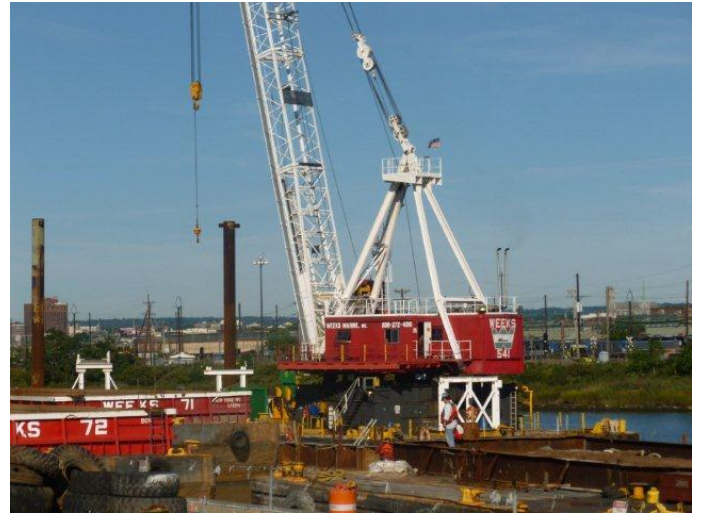
- Continue removing enclosure wales, walkways, and ancillary components
- Delivery of material barge for enclosure steel

Technical Issues: None

Photo Log:



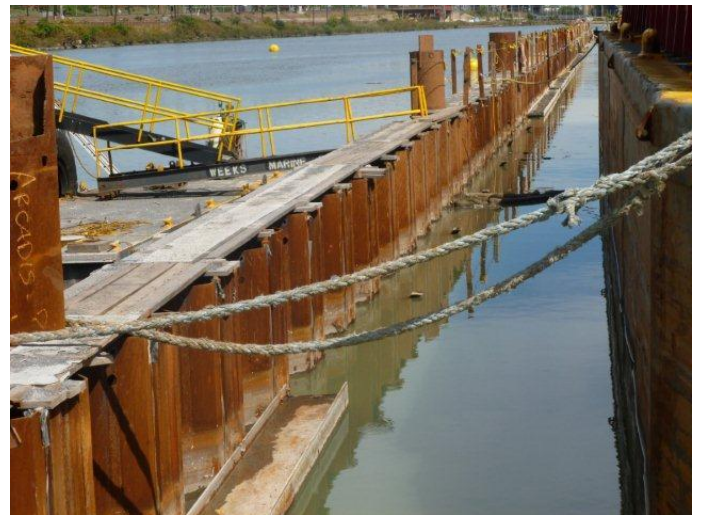
Demobilization of the Weeks 518 crane barge



Weeks 541 crane barge mobilized



Weeks crew removes steel posts and cable rails from temporary walkway



Section of wale removed from the north wall

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T353-09.12.12 <u>Date:</u> 09/12/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Jake Suer Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- clear; PM- sunny		Temp: Min. 55°F /81°F Max. Wind: 0-10 MPH from SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing enclosure wales, walkways, and ancillary components from the west end working east.
 - All single wales removed from the south wall across from S-W and the west wall
 - ~250 of single wales removed from the north wall
- Mobilized material barge for staging sheet and king piles pulled from the enclosure
- Group of government people on a Passaic River boat tour stopped on the Passaic to view and take photos of enclosure operations.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

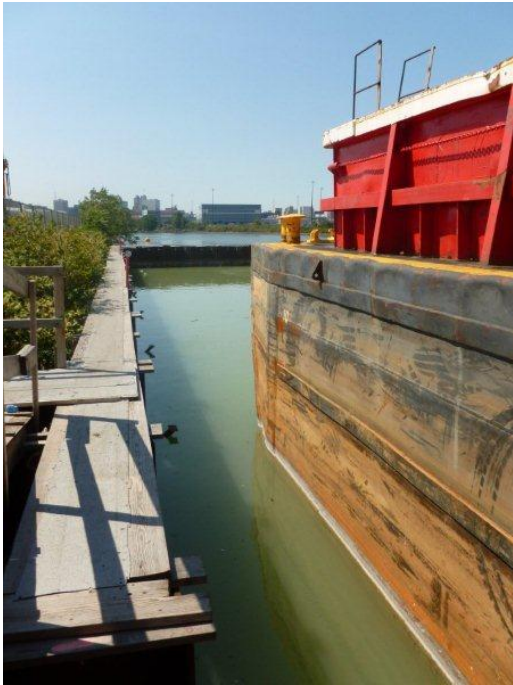
Communications: None

Thursday's Planned Activities:

- Continue removing enclosure wales, walkways, and ancillary components
- Begin removal of the enclosure sheet and king piles at high tide

Technical Issues: None

Photo Log:



View looking west of enclosure SW corner



Temporary walkway removed from north wall of enclosure



Passaic River boat tour viewing operations at the enclosure



Pipeline temporarily staged at the UPF site

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T354-09.13.12 <u>Date:</u> 09/13/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- clear; PM- sunny		Temp: Min. 59°F /81°F Max. Wind: 0-10 MPH from SW/SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing enclosure wales, walkways, and ancillary components from the west end working east.
 - All single wales removed from the south wall across from S-W and the west wall
 - ~500 of single wales removed from the north wall.
- Begin removing the sheet and king pile enclosure from the NW corner working south along the west wall and east along the north wall.
 - Removed 16 sheet piles
 - Removed 3 king piles.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Friday's Planned Activities:

- Continue removing enclosure wales, walkways, and ancillary components
- Continue removal of the enclosure sheet and king piles
- Rethread tieback heads for mounting hydraulic jack

Technical Issues: None

Photo Log:



View looking north of first sheet pulled on the enclosure NW corner



View looking west of enclosure at low tide after sheets were pulled



Removing wale along north wall of the enclosure



Mini tornado (dust devil) travels across the enclosure from S-W property

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T355-09.14.12 <u>Date:</u> 09/14/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM- clear; PM- partly cloudy		Temp: Min. 61°F /81°F Max. Wind: 0-10 MPH from SW/SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure working south along the west wall and east along the north wall.
 - Removed 16 sheet piles
 - Total to date = 32 sheet piles removed
 - Removed 11 king piles
 - Total to date = 14 king piles removed
 - Removed 3 tie down piles
- Rethread tieback heads T-2, T-8, T-10, T-18, T-25, T-27, & T-29 in preparation for Nicholson destressing and re-stressing of tiebacks with hydraulic jack
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

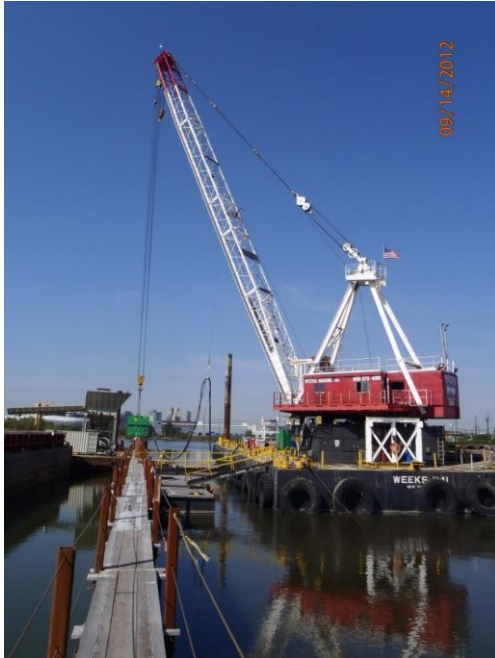
Communications: None

Monday's Planned Activities:

- Continue removing enclosure wales, walkways, and ancillary components
- Continue removal of the enclosure sheet and king piles
- Nicholson will begin site preparation for select tieback destressing and re-stressing operations
- Remove the SECI 62 barge from the enclosure and demobilize

Technical Issues: None

Photo Log:



541 pulling sheets from the north wall



Aligning jaws of hydraulic hammer with sheet



View of barge used for staging sheet & king piles



Crane delivered to the OU-1 site for completing tieback work

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T356-09.17.12 <u>Date:</u> 09/17/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- clear; PM- mostly cloudy		Temp: Min. 54°F /79°F Max. Wind: 0-15 MPH from SW/SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing enclosure wales, walkways, and ancillary components from the west end working east.
 - All single wales removed from the south wall across from S-W and the west wall.
 - Removed ~125' of single wales from the north wall. To date ~625' of single wales removed from the north wall
 - Removed brackets from the west wall and south wall in front of S-W
- Continue removing the sheet & king pile enclosure working south along the west wall and east along the north wall.
 - Removed 0 sheet piles
 - Total to date = 32 sheet piles removed
 - Removed 8 king piles
 - Total to date = 22 king piles removed
- Implement LOTO for breaker panel providing electrical at the enclosure. Begin disconnecting and removal of electrical to fish screen pump, weir gate, and air compressor.
- Nicholson mobilized and prepared for tie back post construction work
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

- Continue removing enclosure wales, walkways, and ancillary components
- Continue removal of the enclosure sheet and king piles
- Continue tie back post construction work (de-stressing, re-stressing, & install for survivability)
- Demobilize the 71 and 72 barges

Technical Issues: None

Photo Log:



Demobilizing the SECI 62 barge



Removing sheet pile from the north wall



LOTO in place for removing electric to the fish screen pump



Crane set up to begin tie back post construction work

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T357-09.18.12 <u>Date:</u> 09/18/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM - rain/cloudy; PM – rain/cloudy		Temp: Min. 69°F /79°F Max. Wind: 5-30 MPH from South

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing enclosure wales, walkways, and ancillary components from the west end working east.
 - All single wales removed from the south wall across from S-W and the west wall.
 - Removed ~125' of single wales from the north wall. To date ~750' of (all) single wales removed from the north wall
 - Begin removing wales from the east wall from north to south.
- Continue removing the sheet & king pile enclosure working south along the west wall.
 - Removed 0 sheet piles
 - Total to date = 32 sheet piles removed
 - Removed 9 king piles
 - Total to date = 31 king piles removed
- Implement LOTO for breaker panel providing electrical at the enclosure. Continue disconnecting and removal of electrical to fish screen pump, weir gate, and air compressor.
- Demobilize Weeks 71 and 72 barges (material scows)
- Nicholson removed load cell from T-2, cut strands and wedged new head on tieback.
- Visitors to the site included: Paul Bluestein (Tierra); Matt Bowman (ARCADIS)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

- Continue removing enclosure wales, walkways, and ancillary components
- Continue removal of the enclosure sheet and king piles
- Continue tie back post construction work (de-stressing, re-stressing, & install for survivability)

Technical Issues: None

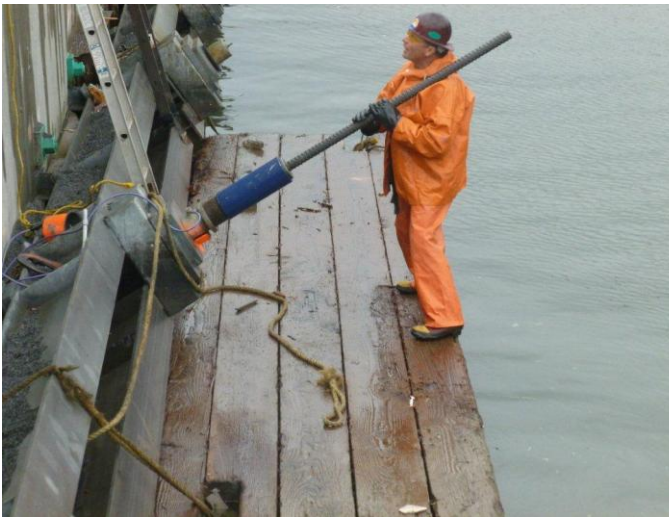
Photo Log:



Demobilizing 71 and 72 barges



Sheet piles shaken out on the west wall



Nicholson installing jack to remove load cell



Gasket to be used with final installation of tie back hardware

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T358-09.19.12 Date: 09/19/12 Day of Week: <u>S M T [W] T F S</u>
Contractors : Weeks Nicholson Hometown Security (UPF)	ARCADIS Personnel : Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM - rain/cloudy; PM – rain/cloudy		Temp: Min. 69°F /79°F Max. Wind: 5-30 MPH from South

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing enclosure wales, walkways, and ancillary components from the west end working east.
 - All single wales removed from the south wall across from S-W, west wall, and north wall.
 - Remove weir gate from the east wall
- Continue removing the sheet & king pile enclosure west wall and south wall in front of S-W property.
 - Removed 23 sheet piles
 - Total to date = 55 sheet piles removed
 - Removed 0 king piles
 - Total to date = 31 king piles removed
- Implement LOTO for breaker panel providing electrical at the enclosure. Complete disconnecting and removal of electrical to fish screen pump, weir gate, and air compressor.
- Nicholson removed load cells (if not removed), wedged new tieback heads on, and/or centered tieback head on bearing plate for T-8, T-10, T-14, and T-18.
- Nicholson reloaded T-2, T-8, T-10, and T-14 to 90 kips
- Visitors to the site included: Matt Bowman & Dave Montanari (ARCADIS)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Thursday's Planned Activities:

- Continue removing enclosure wales, walkways, and ancillary components
- Continue removal of the enclosure sheet and king piles
- Continue tie back post construction work (de-stressing, re-stressing, & install for survivability)
- Perform well inspection with CCTV video camera

Technical Issues: None

Photo Log:



Sheet piles shaken out on south wall in front of S-W



Re-stressing tie back



Hydraulic pack used for tie back re-stressing



Tie back after reloading to 90 kips

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T359-09.20.12 <u>Date:</u> 09/20/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM – partly cloudy; PM – mostly cloudy		Temp: Min. 52°F /70°F Max. Wind: 0-12 MPH from NE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure west wall and south wall in front of S-W property.
 - Removed 11 sheet piles
 - Total to date = 66 sheet piles removed
 - Removed 12 king piles
 - Total to date = 43 king piles removed
- Nicholson re-stressed T-18, T-24, T-26, and T-29 to 90 kips.
- Nicholson completed post construction tieback work for a water tight long term survivability installation from T-2 thru T-14 as follows:
 - Tieback trumpets are re-greased; excess grease is wiped clean from bearing plates and shims.
 - New 1/8" neoprene gaskets are installed.
 - New tieback caps are installed.
 - Tieback caps are packed with grease; excess grease is removed.
 - New hardware installed; red plastic plugs are replaced with metal hole plugs
 - Bearing plates, shims, HSS members, trumpets, wales, and caps are touched up with galvanized paint as needed.
- Performed camera inspection of three wells along the OU-1 floodwall to verify inside casings were not damaged during construction and operations. Marc Conger of ARCADIS was on-site to witness the camera inspection. Video inspection concluded that inside well casings were in good condition. At a later date outer steel well casings will be re-plumbed using an excavator, outer casings will be re-sealed to cap with bentonite, wells re-surveyed, and inside well casings re-inspected to verify no damage was incurred during the plumbing (re-straightening) of the wells.
- Visitors to the site included: Marc Conger (ARCADIS)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Friday's Planned Activities:

- Continue removal of the enclosure sheet and king piles
- Continue tie back post construction work (de-stressing, re-stressing, & install for survivability)
- Demobilize the Weeks 65 barge

Technical Issues: None

Photo Log:



Removing king piles from the west wall



Removing sheet pile from south wall in front of S-W



Performing camera inspection of wells



Re-greasing trumpet



Packing grease around tieback head



Packing tieback cap with grease

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T360-09.21.12 <u>Date:</u> 09/21/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – partly cloudy		Temp: Min. 60°F /73°F Max. Wind: 0-10 MPH from NE/SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure west wall and south wall in front of S-W property.
 - Removed 0 sheet piles
 - Total to date = 66 sheet piles removed
 - Removed 17 king piles
 - Total to date = 60 king piles removed
 - (8) King piles remain in front of the S-W wall. Due to the tidal cycle Weeks will not be able to remove the king piles until next week. Weeks will still perform the post construction survey of the S-W wall on Monday 09/24.
- Nicholson re-stressed T-30, T-34, and T-37 to 90 kips. Nicholson completed re-stressing all tiebacks which had load cells.
- Nicholson still needs to complete the realignment (centering) of some tieback heads on bearing plates.
- Nicholson completed post construction tieback work for a water tight long term survivability installation from T-15 thru T-22 as follows (T-2 thru T-22 completed to date):
 - Tieback trumpets are re-greased; excess grease is wiped clean from bearing plates and shims.
 - New 1/8" neoprene gaskets are installed.
 - New tieback caps are installed.
 - Tieback caps are packed with grease; excess grease is removed.
 - New hardware installed; red plastic plugs are replaced with metal hole plugs
 - Bearing plates, shims, HSS members, trumpets, wales, and caps are touched up with galvanized paint as needed.
- Weeks demobilized the 65 barge from the enclosure.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Monday's Planned Activities:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles
- Continue tie back post construction work (de-stressing, re-stressing, & install for survivability)
- Weeks will perform post construction survey of S-W wall

Technical Issues: None

Photo Log:



Removing king piles from south wall in front of S-W



King piles shaken up for removal in front of S-W



View of enclosure south wall & S-W wall



Demobilizing Weeks 65 barge



Re-stressing tieback



Tieback post construction work

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T361-09.24.12 Date: 09/24/12 Day of Week: <u>S [M] T W T F S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM – mostly cloudy; PM – partly cloudy		Temp: Min. 51°F /69°F Max. Wind: 0-15 MPH from NW/SW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure west wall and south wall in front of S-W property.
 - Removed 16 sheet piles
 - Total to date = 82 sheet piles removed
 - Removed 10 king piles
 - Total to date = 70 king piles removed
 - Total piles removed from the enclosure = 152. ~ 45% of the enclosure has been removed.
 - (8) King piles remain in front of the S-W wall. Due to the tidal cycle Weeks will not be able to remove the king piles until next week. Weeks will still perform the post construction survey of the S-W wall on Monday 09/24.
- Nicholson realigned (centered) T-28 tieback head on bearing plate. All tiebacks requiring realignment and re-stressing to 90 kips has been complete.
- Nicholson completed post construction tieback work for a water tight long term survivability installation from T-23 thru T-32 as follows (T-2 thru T-32 completed to date):
 - Tieback trumpets are re-greased; excess grease is wiped clean from bearing plates and shims.
 - New 1/8" neoprene gaskets are installed.
 - New tieback caps are installed.
 - Tieback caps are packed with grease; excess grease is removed.
 - New hardware installed; red plastic plugs are replaced with metal hole plugs
 - Bearing plates, shims, HSS members, trumpets, wales, and caps are touched up with galvanized paint as needed.
- Weeks performed post construction survey of S-W wall
- Visitors to the site included: None

Project hours of operation: 0600 to 1700

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles
- Complete tie back post construction work (de-stressing, re-stressing, & install for survivability)
- Perform post construction tieback inspection

Technical Issues: None

Photo Log:



Preparing to remove piles from the north wall



Sheet piles from the north wall shaken up for removal



Realigning T-28 tieback head



Weeks performing post construction survey of S-W wall

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T362-09.25.12 <u>Date:</u> 09/25/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Nicholson Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM – partly cloudy; PM – mostly cloudy		Temp: Min. 48°F /75°F Max. Wind: 5-20 MPH from SW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure west wall and south wall in front of S-W property.
 - Removed 11 sheet piles
 - Total to date = 93 sheet piles removed
 - Removed 17 king piles
 - Total to date = 87 king piles removed
 - Total piles removed from the enclosure = 180. ~ 53% of the enclosure has been removed.
 - (8) King piles remain in front of the S-W wall. Due to the tidal cycle Weeks will not be able to remove the king piles until next week. Weeks will still perform the post construction survey of the S-W wall on Monday 09/24.
- Nicholson completed post construction tieback work for a water tight long term survivability installation from T-33 thru T-37 as follows (all post construction tieback work is completed):
 - Tieback trumpets are re-greased; excess grease is wiped clean from bearing plates and shims.
 - New 1/8" neoprene gaskets are installed.
 - New tieback caps are installed.
 - Tieback caps are packed with grease; excess grease is removed.
 - New hardware installed; red plastic plugs are replaced with metal hole plugs
 - Bearing plates, shims, HSS members, trumpets, wales, and caps are touched up with galvanized paint as needed.
- Weeks/ARCADIS performed post construction tieback inspection. Tiebacks inspected for grease, new gaskets, hardware, caps, and water tightness. All tiebacks were inspected and approved by Weeks and ARCADIS for water tightness and long term survivability excluding one outstanding item. Red plastic plugs in the tieback caps will be replaced with metal hole plugs at a later date.
- Visitors to the site included: Jeff Moser (Weeks)

Project hours of operation: 0600 to 1600

Health and Safety: None

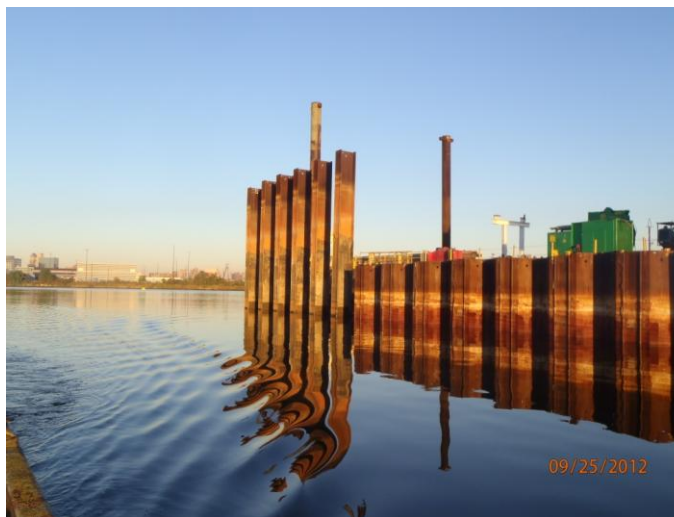
Communications: None

Wednesday's Planned Activities:

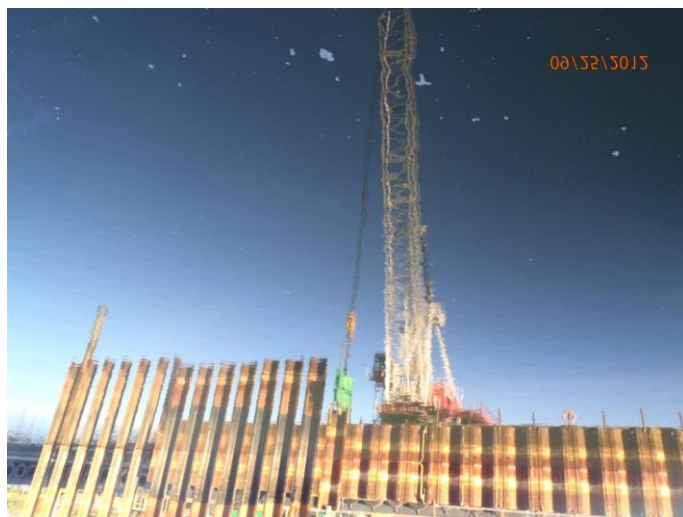
- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles

Technical Issues: None

Photo Log:



Preparing to remove piles from the north wall



Piles from the north wall shaken up for removal



T-3 inspected for post construction completion



T-33 inspected for post construction completion

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T363-09.26.12 <u>Date:</u> 09/26/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: None USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM – overcast; PM – light rain/mostly cloudy		Temp: Min. 64°F /78°F Max. Wind: 5-15 MPH from SW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure north wall.
 - Removed 20 sheet piles
 - Total to date = 113 sheet piles removed
 - Removed 0 king piles
 - Total to date = 87 king piles removed
- Total piles removed from the enclosure = 200. ~ 59% of the enclosure has been removed.
- (8) King piles remain in front of the S-W wall. Due to the tidal cycle Weeks will not be able to remove the king piles until next week.
- Loaded the 216 barge with storm pipe, conex box, light tower, and misc. construction material and equipment from along the OU-1 floodwall. Prepped the 216 barge for demobilization.
- Visitors to the site included: Dave Vosseller & Dan Mowers (Weeks)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Thursday's Planned Activities:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles
- Demob the 216 barge and crane mats along the flood wall
- CHES to pick up Anhydrous Ammonia drums for shipment and disposal

Technical Issues: None

Photo Log:



Removing temporary walkway from the north wall



Shaking up sheet pile from the north wall for removal



Sheet piles in north wall ready for removal



Sheet piles removed from the north wall

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		File No. T364-09.27.12 Date: 09/27/12 Day of Week: <u>S M T W T F S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	Day of Week: <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM – light rain/mostly cloudy; PM – overcast		Temp: Min. 64°F /76°F Max. Wind: 0-10 MPH from SW/SE

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure north wall.
 - Removed 0 sheet piles
 - Total to date = 113 sheet piles removed
 - Removed 20 king piles
 - Total to date = 107 king piles removed
- Total piles removed from the enclosure = 220. ~ 65% of the enclosure has been removed.
- (8) King piles remain in front of the S-W wall. Due to the tidal cycle Weeks will not be able to remove the king piles until next week.
- Demobilized the 216 barge from the enclosure. Mobilized the Weeks 178 barge for staging steel walkway, mono and anchor piles, wales, flexi floats, and ancillary components of the enclosure.
- Loaded crane mats from along the OU-1 floodwall and demobilized.
- CHES picked up three Anhydrous Ammonia drums at the OU-1 site for T&D. Drums were generated from discharging a cylinder dredged from the enclosure. Manifest signed by Paul Bluestein.
- Visitors to the site included: Paul Bluestein (Tierra)

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Friday's Planned Activities:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles

Technical Issues: None

Photo Log:



Demobilizing the 216 barge



Crane mats from along the floodwall loaded for demob



King piles in the north wall shaken up and ready for removal



Anhydrous Ammonia drums loaded on lift gate of CHES box truck for T&D

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		File No. T365-09.28.12 Date: 09/28/12 Day of Week: <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM – overcast/rain; PM – overcast/rain		Temp: Min. 61°F /75°F Max. Wind: 0-10 MPH from SE/N

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure north wall.
 - Removed 20 sheet piles
 - Total to date = 133 sheet piles removed
 - Removed 0 king piles
 - Total to date = 107 king piles removed
- Total piles removed from the enclosure = 240. ~ 70% of the enclosure has been removed.
- (8) King piles remain in front of the S-W wall. Due to the tidal cycle Weeks will not be able to remove the king piles until next week.
- Visitors to the site included: None

Project hours of operation: 0600 to 1530

Health and Safety: None

Communications: None

Monday's Planned Activities:

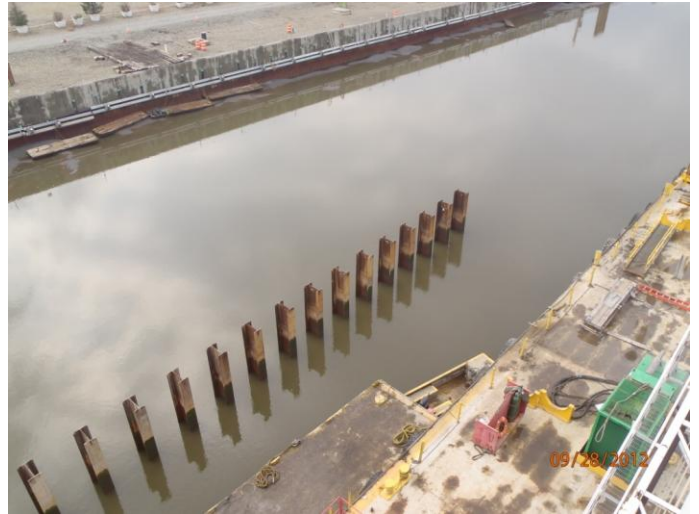
- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles
- SECI and CHES will remobilize to the UPF site and continue dismantling sediment processing system

Technical Issues: None

Photo Log:



Sheet piles in the north wall shaken up and ready for removal



Sheet piles removed from the north wall



View of the enclosure east end



View of piles placed on the Weeks 2220 for demob

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T366-10.01.12 <u>Date:</u> 10/01/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> Weeks Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM – partly cloudy; PM – scattered clouds		Temp: Min. 50°F /73°F Max. Wind: 5-20 MPH from SW

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure north wall.
 - Removed 0 sheet piles
 - Total to date = 133 sheet piles removed
 - Removed 20 king piles
 - Total to date = 127 king piles removed
- Total piles removed from the enclosure = 260. ~ 76% of the enclosure has been removed.
- (8) King piles remain in front of the S-W wall. Weeks will move the 541 barge to the remaining piles in the south wall across from S-W on Wednesday 10/03 when tides are favorable.
- Removed temporary walkway to the end of the north wall.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles

Technical Issues: None

Photo Log:



Removing king pile from the north wall



Moving king pile to the 2220 barge



Placing king pile on the 2220 barge



View looking NW of remaining piles in north wall

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T367-10.02.12 Date: 10/02/12 Day of Week: <u>S M [T] W T F S</u>
Contractors : Weeks Hometown Security (UPF)	ARCADIS Personnel : Jake Suer	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Mike Hoppe		
Weather: AM – overcast/rain; PM – overcast/rain		Temp: Min. 62°F /70°F Max. Wind: 0-10 MPH from SE/N

Contractor's Activities, Visitors, Remarks:

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tie back load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.
- ARCADIS field crew:
 - Construction oversight.
- Continue removing the sheet & king pile enclosure north wall.
 - Removed 12 sheet piles
 - Total to date = 145 sheet piles removed
 - Removed 12 king piles
 - Total to date = 139 king piles removed
- Total piles removed from the enclosure = 284. ~ 83% of the enclosure has been removed.
- (8) King piles remain in front of the S-W wall. Weeks will move the 541 barge to the remaining piles in the south wall across from S-W tomorrow (10/03).
- Moved the 62 barge alongside of pier at the Greenville Yard in preparation for SECI to begin dismantling and demobing their equipment.
- Visitors to the site included: None

Project hours of operation: 0600 to 1600

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles
 - Remove remaining king piles in front of S-W wall.
- Begin dismantling the 62 barge at the Greenville Yard

Technical Issues: None

Photo Log:



Placing king pile on the 2220 barge



Rigging king pile for removal



Removing king pile from the north wall



View looking NE of remaining enclosure wall

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T368-10.03.12 <u>Date:</u> 10/03/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM – overcast/humid/mist; PM – humid/light rain		Temp: Min. 63°F /74°F Max. Wind: 0-10 MPH from North

Completed Contractor Activities

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tieback load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Complete removing the sheet & king pile enclosure north wall, and begin removing the sheet & king pile enclosure east wall.
 - Removed 2 sheet piles
 - Total to date = 147 sheet piles removed
 - Removed 8 king piles (remaining in the south wall across from S-W)
 - Total to date = 146 king piles removed
 - Removed over driven sheet pile in front of S-W wall.
- Total piles removed from the enclosure = 293. ~ 86% of the enclosure has been removed.
- Removed steel walkway from the NE corner of the enclosure.
- Work did not begin on dismantling equipment from the 62 barge in the Greenville Yard. Work is tentatively scheduled for Monday (Columbus Day) 10/08.

UPF Site

SECI/CHES:

- Mobilized on-site for disassembling and demob of the sediment processing system.
- Begin disassembling the water process tank (WPT)
 - Remove ladder
 - Remove batons from top of tank

- Begin disassembling sludge holding tank 3
 - Remove nuts and bolts from side wall panels

Field Personnel

- ARCADIS - 3
- Weeks - 10
- SECI - 2
- CHES – 7

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- 541 Crane Barge
- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor

Visitors: Rob Reed (ARCADIS)

Project hours of operation: OU-1 --- 0630 to 1630
UPF --- 0700 to 1800

Health and Safety: None

Communications: None

Thursday's Planned Activities:

Weeks:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles

SECI/CHES:

- Continue disassembling the WPT and SHT 3

Technical Issues: None

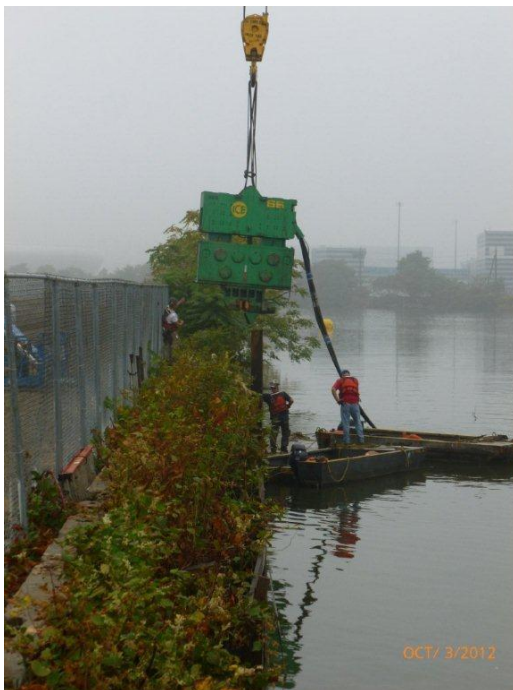
Photo Log:



541 moving into position at high tide to pull king piles in front of S-W wall



Rigging king pile for removal



Removing overdriven sheet in front of S-W wall



View looking NE of remaining enclosure wall



OU-1 wind sock



Breaking bolts loose on SHT 3



Removing baton from top of WPT



Removing ladder on WPT

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING		<u>File No.</u> T369-10.04.12 <u>Date:</u> 10/04/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Rain for Rent (RFR) Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Jake Suer Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM – overcast/humid/light rain; PM – humid/light rain		Temp: Min. 65°F /75°F Max. Wind: 0-15 MPH from SW/SE

Completed Contractor Activities

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tieback load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Continue removing sheet & king piles from the east wall of the enclosure.
- Remove framing for weir gate.
 - Removed 14 sheet piles
 - Total to date = 161 sheet piles removed
 - Removed 8 king piles
 - Total to date = 154 king piles removed
- Total piles removed from the enclosure = 315. ~ 92% of the enclosure has been removed.
- Removed steel walkway from the east wall of the enclosure.

UPF Site

SECI/CHES:

- Complete disassembling the water process tank (WPT) excluding tank floor.
 - 20 wall panels removed
 - Remove man way door section from panel
 - Disassemble electrical panel for WPT
- Continue disassembling sludge holding tank (SHT) 3
 - Remove nuts and bolts from side wall panel.

Weeks/RFR:

- Cut 8" HDPE WTS discharge pipeline to river.
 - Client agreed to give pipe to RFR
 - 800' of pipe was cut in 50' sections and banded in (2) five stick bundles and (1) six stick bundle for loading and shipment off site.

Field Personnel

- ARCADIS - 3
- Weeks - 10
- SECI - 2
- CHES – 8

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- 541 Crane Barge
- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor

Visitors: John McNally (CHES); Pete (EPIC); Jeff Moser (Weeks)

Project hours of operation: OU-1 --- 0630 to 1630
UPF --- 0700 to 1800

Health and Safety: Perform TIP on RFR crew member cutting HDPE pipe

Communications: None

Friday's Planned Activities:

Weeks:

- Continue removing enclosure walkways and ancillary components
- Continue removal of the enclosure sheet and king piles
- Remove SE corner king pile and Singer Realty support pile

SECI/CHES:

- Continue disassembling the WPT and SHT 3

Technical Issues: None

Photo Log:



Removing king piles from the east wall



Removing last king piles from the north wall



Rigging panel section for removal



Removing overflow panel from WPT



Disassembling WPT



WPT floor



RFR cutting HDPE discharge line for shipment off site



Staging cut sections of HDPE pipe for banding

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T370-10.05.12 Date: 10/05/12 Day of Week: <u>S M T W T [F] S</u>
Contractors : Weeks SECI CHES Remediation Rain For Rent (RFR) Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks) Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – partly cloudy		Temp: Min. 81°F /59°F Max. Wind: 0-10 MPH from SW

Completed Contractor Activities

- Dredging (Complete)
- Sediment processing (Personnel off site)
- Water treatment (Complete)
- Disposal (Personnel off site)
- DPK optical survey monitoring of the enclosure (Complete)
- CQA monitoring at the enclosure (Complete)
- Tieback load cell monitoring (Complete)
- Enclosure Backfill (Complete)
- Required tieback re-stressing and realigning (Complete)
- Post Construction tieback work for water tightness and long term survivability (Complete)
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint.

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Continue removing sheet & king piles from the east wall of the enclosure.
 - Removed 10 sheet piles
 - Total to date = 171 sheet piles removed (100% complete)
 - Removed 6 king piles
 - Total to date = 160 king piles removed (10 piles left)
- Total piles removed from the enclosure = 331. ~ 97% of the enclosure has been removed.
- Removed SE corner king pile and Singer Realty support pile.
- Removed two monopoles.
- Note, removed pumps, fish screen, and pump caissons on 10/03.

UPF Site

SECI/CHES:

- Remove last panel from the water process tank (WPT). Tank floor still needs to be disassembled.
- Continue disassembling sludge holding tank (SHT) 3
 - Removed tank staircase and banisters
 - Removed batons from top of tank
 - Removed (8) panel sections

- Began building pallets for palletizing tank panel sections for loading and shipment off-site.
- Moved sections of SPS galvanized piping and organized off pad.

Weeks/RFR/CHES:

- Loaded on a flatbed trailer 800' of HDPE pipe used for WTS discharge to the river. Pipe was cut in 50' sections and banded in (2) five stick bundles and (1) six stick bundle for loading and shipment off-site. RFR will be taking ownership of the pipe as agreed to by the client.

Field Personnel

- ARCADIS - 2
- Weeks - 10
- SECI - 2
- CHES - 8
- RFR - 1

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- 541 Crane Barge
- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600

UPF --- 0700 to 1730

- Note the OU-1 and UPF sites will both be in operation on Columbus Day, Monday 10/08.

Health and Safety: None

Communications: None

Saturday's Planned Activities:

Weeks:

- None

SECI/CHES:

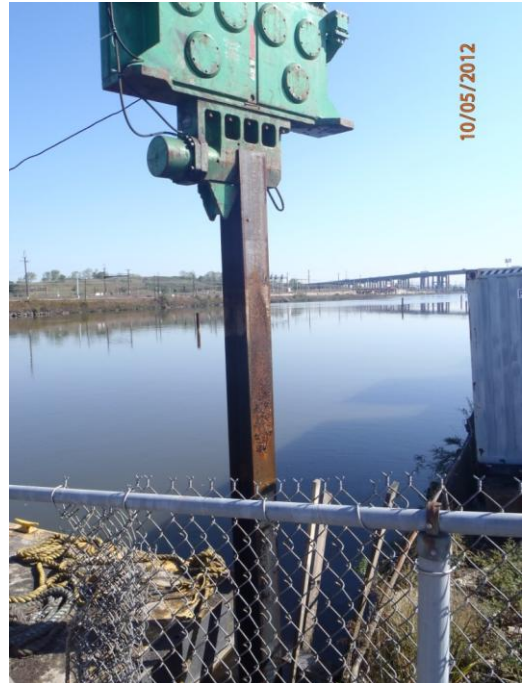
- Continue disassembling SHT 3

Technical Issues: None

Photo Log:



Removing SE corner king pile



Remove Singer Realty support pile



Remaining sheets in east wall ready for removal



Removing SHT 3 staircase



Removing SHT3 panel sections



**Loading HDPE WTS discharge pipe for shipment
off-site**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T371-10.06.12 <u>Date:</u> 10/06/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – partly cloudy; PM – mostly cloudy		Temp: Min. 53°F /79°F Max. Wind: 5-20 MPH from SW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of enclosure sheet piles

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- No work

UPF Site

SECI/CHES:

- Continue disassembling sludge holding tank (SHT) 3
 - Removed batons from top of tank
 - Removed (10) panel sections
 - Remove vertical baffles from inside tank
- Continue building pallets for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
- Tank panels and ancillary components are palletized accordingly.

Field Personnel

- ARCADIS - 1
- Weeks - 0
- SECI - 2
- CHES - 8

Equipment***ARCADIS:***

- Case 580 Backhoe

Weeks:

- 541 Crane Barge
- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor

Visitors: None**Project hours of operation:** OU-1 --- None

UPF --- 0700 to 1600

- Note the OU-1 and UPF sites will both be in operation on Columbus Day, Monday 10/08.

Health and Safety: None**Communications:** None**Monday's Planned Activities:*****Weeks:***

- Continue removing enclosure ancillary components
- Pull 10 remaining king piles to complete enclosure removal

SECI/CHES:

- Continue disassembling SHT 3
- Power floor section of WPT and remove pump

Technical Issues: None

Photo Log:



Removing batons from top of SHT 3



Removing panel section from SHT 3



Palletizing tank sections



SHT 3 disassembly

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T372-10.08.12 Date: 10/08/12 Day of Week: <u>S [M] T W T F S</u>
Contractors : Weeks SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – partly cloudy; PM – overcast		Temp: Min. 43°F /56°F Max. Wind: 0-10 MPH from NW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Remove remaining king piles from the east wall of the enclosure.
 - Total to date = 171 sheet piles removed (100% complete on 10/05)
 - Removed 10 remaining king piles
 - Total to date = 170 king piles removed (100% complete)
- Total piles removed from the enclosure = 341. 100% of the enclosure has been removed.
- Removed the last remaining concrete mattress outside the SE corner of the enclosure. Mattress was placed on the 2220 barge. Concrete mattress removal is complete.
- Demobilized the Weeks 2220 barge carrying the sheet & king piles, and ancillary components of the enclosure.

UPF Site

SECI/CHES:

- Removed pump mounted on the floor of the WPT.
- Power wash floor of the WPT and disassemble floor sections for palletizing.
- Continue disassembling sludge holding tank (SHT) 3
 - Complete the disassembly of all tank wall panel sections.
 - Removed SHT 3 pump.

- Removed agitators from SHT 3.
- Scrape and clean all caulking from tank panel sections.
- Continue building pallets for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
- Tank panels and ancillary components are palletized accordingly.

Field Personnel

- ARCADIS - 2
- Weeks - 10
- SECI - 2
- CHES - 9

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- 541 Crane Barge
- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor

Visitors: Jim Christafano and John McNally (CHES); Dan Mowers (Weeks)

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0700 to 1800

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

Weeks:

- Continue removing monopiles
- Perform general cleanup along the OU-1 floodwall

SECI/CHES:

- Continue disassembly of SHTs
- Mobilize to Weeks Greenville Yard to begin dismantling the sediment screening process equipment from the Weeks 62 barge.

Technical Issues: None

Photo Log:



Last pile pulled from the enclosure



Last concrete mattress pulled from the river



Demob 2220 barge carrying enclosure steel



Disassembling agitator shaft in SHT 3

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T373-10.09.12 Date: 10/09/12 Day of Week: <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley		
Weather: AM – overcast/light rain; PM – overcast/light rain		Temp: Min. 51°F /59°F Max. Wind: 8-12 MPH from North

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Remove wale splice
- Re-weld trumpet flange and bearing plate to HSS members for T-27. All welds were coated with galvanized paint
- Perform general cleanup along the OU-1 floodwall
 - Pickup and load remaining crane mats for shipment off site
- Re-weld work platform on the OU-1 floodwall and base for the Davit crane to frame of work platform.

UPF Site

SECI/CHES:

- Completed disassembly, cleanup, and palletizing of WPT
- Continue disassembling sludge holding tank (SHT) 3
 - Remove battens around the tank floor.
 - Begin disassembling floor panel sections.
- Caulking is scraped and cleaned from tank panel sections.
- Continue building pallets for palletizing tank panel sections and ancillary components for loading and shipment off-site.

- Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
- Tank panels and ancillary components are palletized accordingly.

Weeks Greenville Yard

SECI/CHES/Weeks:

- CHES mobilized crew and equipment
- Begin disconnecting electric and pulling electrical panels and wires.

Field Personnel

- ARCADIS - 2
- Weeks - 10
- SECI - 2
- CHES – 9
- Best Electric - 1

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- 541 Crane Barge
- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600 UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

Weeks:

- Perform general cleanup along the OU-1 floodwall
- Remove monopiles

SECI/CHES:

- Continue disassembly of SHT
- Continue dismantling the sediment screening process equipment from the Weeks 62 barge in the Greenville Yard.

Technical Issues: None

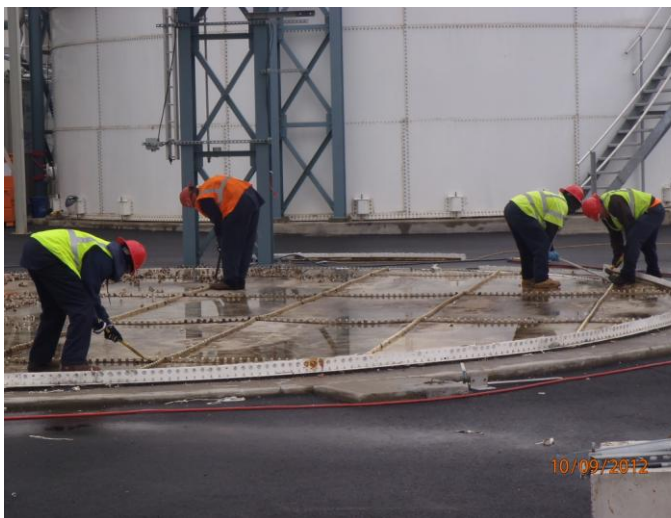
Photo Log:



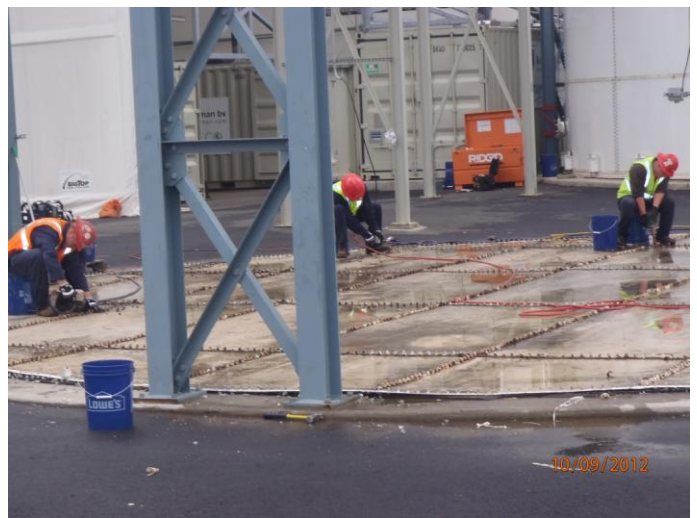
WPT disassembly and pad cleanup complete



Caulking removed from tank battens



Removing battens and nuts from SHT 3 floor



Removing nuts from bolts in SHT 3 floor

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T374-10.10.12 Date: 10/10/12 Day of Week: <u>S M T [W] T F S</u>
Contractors : Weeks SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM – Partly Cloudy/Light Rain; PM – Mostly Cloudy		Temp: Min. 53°F /68°F Max. Wind: 5-25 MPH from NW/SW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Disassembly of SPS – WPT, SHT 3

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Removed 5 monopiles for anchoring hydraulic pipeline.
- Removed the flexi float used for river access at the UPF.
- Perform general cleanup along the OU-1 floodwall.
- Demobilized the Weeks 541 crane barge, Weeks 178 barge, and 3 flexi floats (All marine equipment has been demobilized).

UPF Site

SECI/CHES:

- Continue disassembling sludge holding tank (SHT) 3
 - Continue disassembling floor panel sections.
 - For general cleaning floor panel sections are power washed as removed.
 - Complete the disassembly, cleanup, and palletizing of SHT 3.
- Caulking is scraped and cleaned from tank panel sections.
- Continue building pallets for palletizing tank panel sections and ancillary components for loading and shipment off-site.

- Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
- Tank panels and ancillary components are palletized accordingly.

Weeks Greenville Yard

SECI/CHES/Weeks:

- CHES mobilized crew and equipment
- Complete disconnecting electric and pulling electrical panels and wires.
- Begin disassembling sediment screening equipment

Field Personnel

- ARCADIS - 2
- Weeks - 10
- SECI - 2
- CHES – 7

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- 541 Crane Barge
- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Thursday's Planned Activities:

Weeks:

- Perform general cleanup along the OU-1 floodwall

SECI/CHES:

- Continue disassembly of SHT
- Continue dismantling the sediment screening process equipment from the Weeks 62 barge in the Greenville Yard.

Technical Issues: None

Photo Log:



Davit crane installed on work platform over OU-1 floodwall



Fence removed along S-W bulkhead for driving sheets



View looking east along the OU-1 Floodwall



Removing the last monopile



Demob of the Weeks 541 crane barge



Demob of the Weeks 178 carrying ancillary components of the enclosure



Power washing floor sections of SHT 3



SHT 3 pad cleaned up

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T375-10.11.12 Date: 10/11/12 Day of Week: <u>S M T W T F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley		
Weather: AM – Sunny; PM – Sunny		Temp: Min. 46°F /62°F Max. Wind: 10 -15 MPH from SW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Disassembly of SPS – WPT, SHT 3

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Guardian Fence on-site to calculate material needed to install guardrail around work platform and also evaluate prep work needed for re-installation of chain link fence on top of OU-1 floodwall.
- Transported to the UPF a 55-gal drum of residual sediment (EM material), which was trapped behind steel beams in 71 & 72 barges.
 - Sediment will be consolidated and disposed of with any other sediment discovered during disassembly of SPS.

UPF Site

SECI/CHES:

- Complete power washing & palletizing of disassembled floor sections from sludge holding tank (SHT) 3.
- Begin disassembling SHT 1
 - Remove tank stair case.
 - Begin removing battens from tank top.
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.

- Hardware salvaged when possible.
- Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
- Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.
- Begin disconnecting electrical panels and wires, and pulling wire from coarse solids separation unit and conveyors.

Weeks Greenville Yard

SECI/Weeks:

- No work performed

Field Personnel

- ARCADIS - 2
- Weeks - 2
- SECI - 2
- CHES – 7

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1530
UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Friday's Planned Activities:

Weeks:

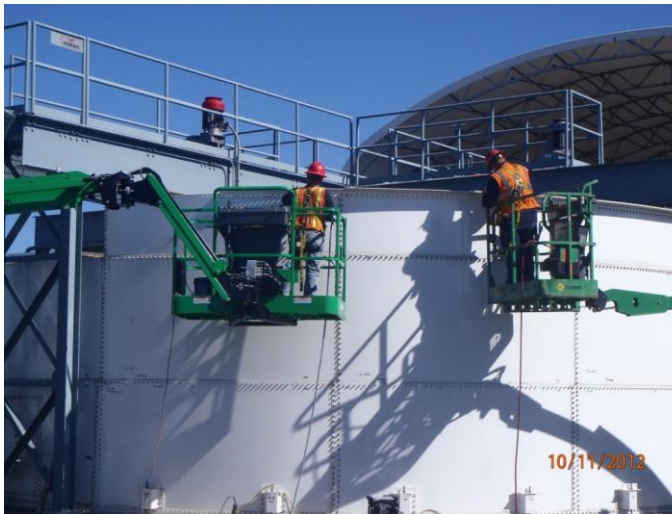
- Perform general cleanup along the OU-1 floodwall
- Position fencing material along floodwall for installation
- Install guardrail around work platform
- Repair wells along floodwall that were damaged during construction and operations

SECI/CHES:

- Continue disassembly of SHT
- Continue dismantling the sediment screening process equipment from the Weeks 62 barge in the Greenville Yard.

Technical Issues: None

Photo Log:



Removing battens from top of SHT 1



Disconnecting electrical panel from coarse solids discharge conveyor



Pallets constructed for palletizing tank components



Staging on UPF pad 55-gal drum of EM sediment from 71 & 72 barges

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T376-10.12.12 Date: 10/12/12 Day of Week: <u>S M T W T [F] S</u>
Contractors : Weeks SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast/light rain; PM – partly cloudy		Temp: Min. 43°F /59°F Max. Wind: 5-20 MPH from SW/NW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well repair along the OU-1 floodwall
- Disassembly of SPS – WPT, SHT 3

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks/ARCADIS:

- Perform general cleanup along the OU-1 floodwall.
- Remove skirting from around clean room shower trailer and disconnect electric. Message left with W-S to demobilize trailer and take off rent.
- Position chain link fence with backhoe along floodwall for installation.
- Repaired two wells along the floodwall that were damaged during construction and operations.
 - Rock was removed around base of the wells to expose fabric from cap.
 - Outer steel well casings were straightened with back hoe.
 - Bentonite was placed over existing cap fabric and around well base to seal outer well casing with cap
 - Additional fabric was placed tight around base of outer well casing and bentonite was placed over additional fabric and around outer well casing.
 - Rock was placed back around well.
 - Wells will be re-inspected with CCTV pipe camera next week.

- DPK will be resurvey wells between 10/22 and 10/26 during post construction survey.
- Guardian installed guardrail around work platform over floodwall to be used for sediment sampling and repaired guardrail along west property boundary.

UPF Site

SECI/CHES:

- Continue disassembling SHT 1
 - Remove battens from tank top.
 - Remove 11 panels from tank side walls
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.
 - Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
 - Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
 - Tank panels and ancillary components are palletized accordingly.
- Continue disconnecting electrical panels and wires, and pulling wire from coarse solids separation unit and conveyors.

Weeks Greenville Yard

SECI/Weeks:

- Demob equipment

Field Personnel

- ARCADIS - 2
- Weeks – 1
- Guardian Fence - 4
- SECI - 2
- CHES - 9
- Best Electric - 2

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Saturday's Planned Activities:

Weeks: None

SECI/CHES:

- Continue disassembly of SHT 1

Technical Issues: None

Photo Log:



Skirting removed from shower trailer and disconnecting electric



Complete work platform for sediment sampling program



Placing bentonite around repaired well at west end of floodwall



Placing rock around repaired well at west end of floodwall



Completed repair of well at west end of floodwall



Straightening well off center of floodwall



Bentonite placed around repaired well off center of floodwall



Completed repair of well off center of floodwall



Fencing placed along floodwall for re-installation



Disassembling SHT 1



SHT 1 disassembled



Pulling wire from the separation unit

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T377-10.13.12 Date: 10/13/12 Day of Week: <u>S M T W T F [S]</u>
Contractors : SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – scattered clouds		Temp: Min. 34°F /54°F Max. Wind: 0-10 MPH variable

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well repair along the OU-1 floodwall
- Disassembly of SPS – WPT, SHT 3

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks/ARCADIS:

- No work

UPF Site

SECI/CHES:

- Continue disassembling SHT 1
 - Remove battens from tank top.
 - Remove 13 panels from tank side walls
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.
 - Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
 - Pallets are constructed for palletizing tank panel sections and ancillary components for loading

- and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.

Weeks Greenville Yard

SECI/Weeks:

- No work

Field Personnel

- ARCADIS - 1
- Weeks – 0
- SECI - 1
- CHES - 4

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- No work
UPF --- 0630 to 1630

Health and Safety: None

Communications: None

Monday's Planned Activities:

Weeks:

- Continue with fence reinstallation on OU-1 flood wall

SECI/CHES:

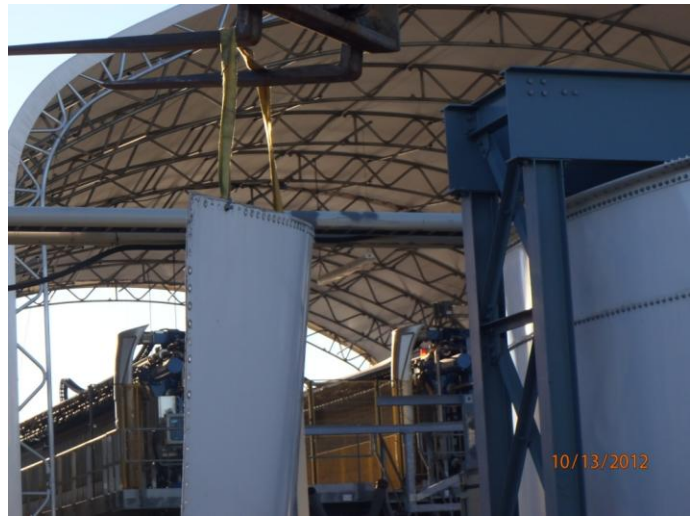
- Continue disassembly of SHT 1
- Continue disconnecting electric and pulling wires

Technical Issues: None

Photo Log:



Unbolting and rigging panel section from SHT 1 for removal



Removing panel section from SHT 1



Scraping caulk off SHT panel section



Disassembly of SHT 1

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T378-10.15.12 Date: 10/15/12 Day of Week: <u>S [M] T W T F S</u>
Contractors : Weeks Guardian Fence SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – mostly cloudy; PM – overcast/light rain		Temp: Min. 59°F /72°F Max. Wind: 5-25 MPH from SW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well repair along the OU-1 floodwall
- Disassembly of SPS – WPT, SHT 3

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Guardian began installing chain link fence on OU-1 floodwall.

UPF Site

SECI/CHES:

- Continue disassembling SHT 1
 - Complete disassembly of tank side wall panels.
 - Remove battens from around the tank floor.
 - Begin unbolting and disassembling floor panel sections.
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.

- Tank components are temporarily ID labeled with sharpie markers and will be permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
- Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.
- Continue disconnecting electrical panels and wires, and pulling wire from coarse solids separation unit and conveyors.
- Disconnect remaining electric for the WPT
- Unloaded at the UPF the following sediment screening system equipment and components dismantled from the Weeks 62 barge (equipment will be temporarily stored at the UPF):
 - Discharge conveyor
 - Discharge chute from trommel screen
 - Brackets, pipes, hoses, cable tray and other ancillary component
- Note one telehandler down for repairs.

Weeks Greenville Yard

SECI/Weeks:

- Disassemble, dismantle, and demob sediment screening equipment from Weeks 62 barge.

Field Personnel

- ARCADIS - 2
- Weeks - 2
- Guardian Fence - 4
- SECI - 2
- CHES - 9
- Best Electric - 2
- AmQuip - 1
- Sunbelt - 1

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

Weeks:

- Continue with installation of chain link fence on OU-1 floodwall

SECI/CHES:

- Continue with disassembly of SHT 1 floor
- Continue disconnecting electric for SPS

Technical Issues: None

Photo Log:



View looking west of installed fence on the floodwall



View looking west of installed fence on the floodwall



Removing panel from SHT 1



Disassembling SHT 1 floor



**Disconnecting electrical and pulling wire from SPS
MCC conex**



**Staging debris discharge conveyor off 62 barge for
temp storage**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T379-10.16.12 <u>Date:</u> 10/16/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> Weeks Guardian Fence SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – sunny; PM – scattered clouds		Temp: Min. 48°F /61°F Max. Wind: 5-30 MPH from NW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
 - Excluding metal hole plugs to replace plastic red plugs in tieback caps and touch ups with galvanized paint
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly of SPS – WPT, SHT 3, SHT 1

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Guardian completes installation of chain link fence on OU-1 floodwall.
- Begin installation of set/stabilizing screws thru new fence posts and old fence post stubs

UPF Site

SECI/CHES:

- Complete disassembly of SHT 1
 - Continue unbolting and disassembling floor panel sections.
 - Perform general cleaning of floor panel sections with pressure washer.
 - Disassemble agitators and shafts.
- Note the following for tank disassembly:

- Caulking is scraped and cleaned from tank panel sections.
- Hardware salvaged when possible.
- Tank components are temporarily ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are all oriented with 0° being south and clocked counter clockwise for labeling.
- Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.
- Disconnect electric to SPS
- Begin pulling wire from cable trays around SHT

Weeks Greenville Yard

SECI/Weeks:

- Continue disassembly, dismantling, and demob of sediment screening equipment from Weeks 62 barge.

Field Personnel

- ARCADIS - 2
- Weeks - 2
- Guardian Fence - 4
- SECI - 2
- CHES - 9
- Best Electric - 2

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Install set/stabilizing screws thru new fence posts and old fence post stubs

SECI/CHES:

- Begin disassembly of SHT 2
- Continue disconnecting electric for SPS
- Continue disassembly of sediment screening equipment on Weeks 62 barge

Technical Issues: None

Photo Log:



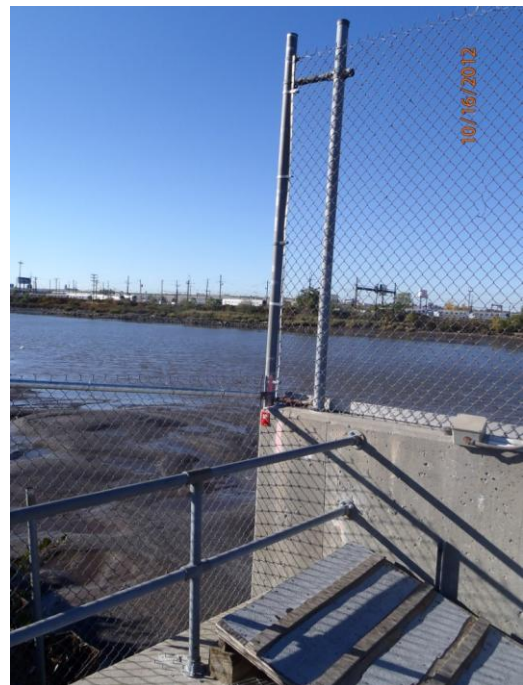
Completed fence installed at SE corner of the floodwall



View looking north of completed fence on OU-1 floodwall



View looking west of completed fence installation on floodwall



Completed fence installation at the SW corner of the floodwall



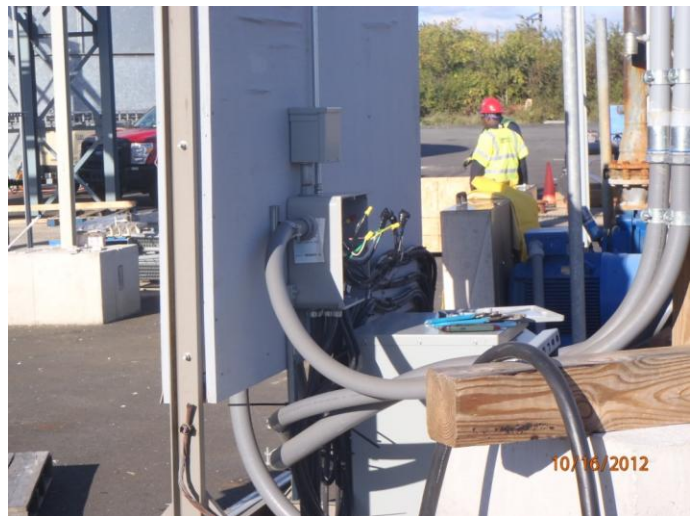
**View looking west of completed fence installation
on floodwall**



Pressure washing SHT 1 floor



**Completed disassembly of SHT 1 from concrete
pad**



Disconnecting electric to SPS

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T380-10.17.12 Date: 10/17/12 Day of Week: <u>S M T [W] T F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – scattered clouds		Temp: Min. 42°F /65°F Max. Wind: 0-10 MPH from SW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly of SPS – WPT, SHT 3, SHT 1

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Perform final post construction tieback inspection for water tightness and long term survivability.
 - Install metal hole plugs to replace plastic red plugs in tieback caps.
 - Touch up tieback/wale components and coat hardware with galvanized paint.
- Remove superfluous backfill material from wales.
- Continue installation of set/stabilizing screws thru new fence posts and old fence post stubs.

UPF Site

SECI/CHES:

- Begin disassembly of SHT 2
 - Begin unbolting tank panel sections.
 - Remove tank banister and staircase.
 - Remove battens from top of tank.
- Note the following for tank disassembly:

- Caulking is scraped and cleaned from tank panel sections.
- Hardware salvaged when possible.
- Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being south, and clocked counter clockwise.
- Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.
- Begin disconnecting and pulling wires from filter press decks.
- Continue pulling wire from cable trays around SHT.

Weeks Greenville Yard

SECI/Weeks:

- Continue disassembly, dismantling, and demob of sediment screening equipment from Weeks 62 barge.

Field Personnel

- ARCADIS - 2
- Weeks - 2
- SECI - 2
- CHES - 9
- Best Electric - 2

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Thursday's Planned Activities:

Weeks:

- Perform general cleanup along the OU-1 floodwall
- Install set/stabilizing screws thru new fence posts and old fence post stubs
- Perform final video inspection of repaired piezometers

SECI/CHES:

- Continue disassembly of SHT 2
- Continue disconnecting electric for SPS
- Complete disassembly and demob of sediment screening equipment on Weeks 62 barge

Technical Issues: None

Photo Log:



Weeks staff shoveling superfluous grit out of wale



Set/Stabilizing screws installed in new fence post



ARCADIS/Weeks perform final tieback inspection



Batten removed from SHT 2



Most panels and wiring removed from coarse solids area



Palletizing tank components

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T381-10.18.12 <u>Date:</u> 10/18/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – sunny; PM – scattered clouds		Temp: Min. 44°F /64°F Max. Wind: 5-20 MPH from NE/SE

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Disassembly of SPS – WPT, SHT 3, SHT 1

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Perform final video inspection of repaired piezometers. Paul Bluestein (Client) and Jack Rodak (Client Rep) witnessed well inspection and acknowledged piezometers were repaired, are in good condition and free from damage. Marc Conger (ARCADIS) will be on-site Friday 10/19 to sign off on repairs.
- Complete installation of set/stabilizing screws thru new fence posts and old fence post stubs.

UPF Site

SECI/CHES:

- Continue disassembly of SHT 2
 - Continue unbolting tank panel sections.
 - Remove 24 side tank panels.
 - Complete removing battens from top of tank.
- Note the following for tank disassembly:

- Caulking is scraped and cleaned from tank panel sections.
- Hardware salvaged when possible.
- Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being south, and clocked counter clockwise.
- Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.
- Continue disconnecting and pulling wires from filter press decks and SPS tank farm area.
- Continue pulling wire from cable trays in SPS tank farm area.
- Remove cable tray, brackets/supports, and uni-strut from SPS tank farm area.
- Sunbelt on-site to make repairs on boom lift.

Weeks Greenville Yard

SECI/Weeks:

- Complete disassembly and demob of sediment screening equipment from Weeks 62 barge.

Field Personnel

- ARCADIS - 2
- Weeks - 2
- SECI - 2
- CHES - 8
- Best Electric - 2
- Sunbelt Rentals - 1

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Friday's Planned Activities:

Weeks:

- Perform general cleanup along the OU-1 floodwall
- Marc Conger (ARCADIS) on-site to sign off on well repairs
- Delivery of stone for restoration along floodwall. Place and grade stone.

SECI/CHES:

- Continue disassembly of SHT 2
- Continue disconnecting electric for SPS

Technical Issues: None

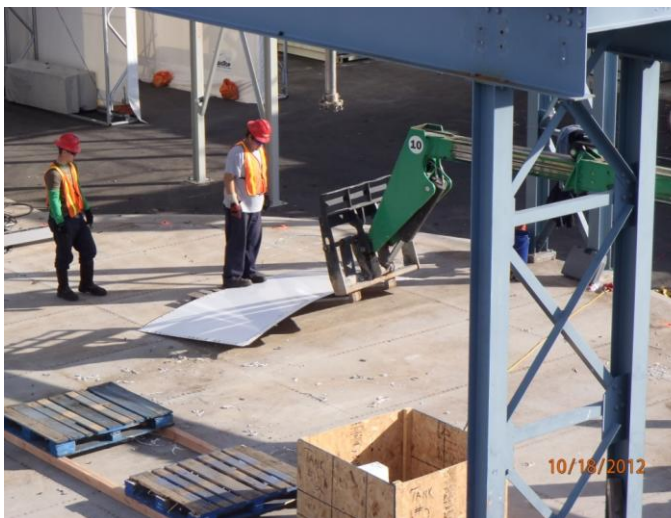
Photo Log:



ARCADIS/Weeks performing final piezometer inspection



Removing panel from SHT 2



Placing tank panel sections on pallet



Disassembly of SHT 2



View of ID labels on SHT 2 panels



Unbolting panel section on Gravity Thickener



Palletizing tanks panels & ancillary components



Wire and cable removed from the SPS

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T382-10.19.12 <u>Date:</u> 10/19/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast/heavy rain; PM – overcast/heavy rain		Temp: Min. 64°F /69°F Max. Wind: 5-20 MPH from SE

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Disassembly of SPS – WPT, SHT 3, SHT 1

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight
- Use the CAT 320 excavator and Case 580 backhoe to place and grade 51 tons of stone along the OU-1 floodwall in the NE corner.

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Claude Dion and Mike Pelenski perform final inspection of repaired piezometers with Marc Conger (ARCADIS). Marc visually inspected the steel well outer casings for plumb and lapped inside of piezometers for plumb and verified no damage was incurred. Piezometers and repairs were approved by Marc upon conclusion of inspection.
- (2) tri-axle trucks (51 tons) of stone delivered to the site for restoration along the floodwall.

UPF Site

SECI/CHES:

- Continue disassembly of SHT 2
 - Continue unbolting tank panel sections.

- Remove 15 side tank panels. All side panels removed.
- Continue unbolting tank panel sections from Gravity Thickener (GT).
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.
 - Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being south, and clocked counter clockwise.
 - Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
 - Tank panels and ancillary components are palletized accordingly.
- Continue removing cable tray, brackets/supports, and uni-strut from SPS tank farm area.
- Work was suspended at 1330 for the remainder of the day due to heavy rains and inclement weather.

Field Personnel

- ARCADIS - 2
- Weeks - 2
- SECI - 2
- CHES - 9

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: Marc Conger (ARCADIS)

Project hours of operation: OU-1 --- 0630 to 1800
UPF --- 0630 to 1330

Health and Safety: At 1330 a SWA was used at the UPF due to heavy rain and inclement weather. Work on disassembling the SPS was suspended for the remainder of the day. Work will resume Saturday morning as scheduled.

Communications: None

Saturday's Planned Activities:

Weeks:

- None

SECI/CHES:

- Continue disassembly of SHT 2
- Continue unbolting GT tank sections

Technical Issues: None

Photo Log:



Removing cable tray from bridge for SHT



Unbolting GT panel section



Unbolting SHT 2 panel



Removing SHT 2 panel

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T383-10.20.12 <u>Date:</u> 10/20/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis (CHES) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – scattered clouds; PM – cloudy/fog		Temp: Min. 50°F /72°F Max. Wind: 0-20 MPH from West

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Disassembly of SPS – WPT, SHT 3, SHT 1

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight

OU-1 Site

Weeks:

- No work

UPF Site

SECI/CHES:

- Continue disassembly of SHT 2
 - Begin removing bolt caps and unbolting tank floor panel sections.
 - Perform general cleaning by pressure washing floor panels
 - Remove battens around floor panel sections
 - Disassemble and remove agitators.
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.
 - Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top,

- middle, bottom), oriented with 0° being south, and clocked counter clockwise.
 - Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
 - Tank panels and ancillary components are palletized accordingly.
- Begin disconnecting and removing motors for agitators on bridge for SHT 3.
- Disconnect and remove wire and cable from filter presses.

Field Personnel

- ARCADIS - 1
- Weeks - 0
- SECI - 1
- CHES - 9
- Best Electric - 2

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- None
UPF --- 0630 to 1630

Health and Safety: None

Communications: None

Monday's Planned Activities:

Weeks:

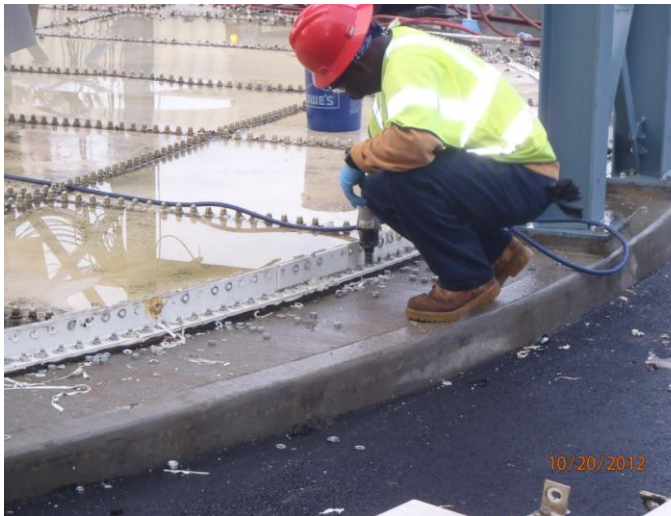
- Prep construction trailer & temp facilities for demob
- Williams Scotsman will be on-site to demob the clean room shower trailer

SECI/CHES:

- Continue disassembly of SHT 2
- Continue unbolting GT tank sections
- Continue removing agitator motors
- Continue disconnecting and removing electrical for SPS

Technical Issues: None

Photo Log:



Removing battens around SHT 2 floor



Disassembling shaft for SHT 2 agitator



Pressure washing SHT 2 floor panel sections



Agitator motor removed from SHT 3 bridge

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T384-10.22.12 Date: 10/22/12 Day of Week: <u>S [M] T W T F S</u>
Contractors : Weeks SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM – sunny; PM – sunny		Temp: Min. 49°F /71°F Max. Wind: 0-15 MPH from NW

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Disassembly of SPS – WPT, SHT 3, SHT 1

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight.
- Williams Scotsman on-site and demobed the clean room shower trailer from the OU-1.

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Prep construction trailer & temp facilities for demob.

UPF Site

SECI/CHES:

- Complete disassembly of SHT 2
 - Complete disassembling floor panel sections.
 - Perform general cleaning of floor panels by pressure washing.
- Continue disassembling the Gravity Thickener (GT)
 - Removed all the baffles from inside of the tank
 - Removed 10 side wall tank panel sections
- Note the following for tank disassembly:

- Caulking is scraped and cleaned from tank panel sections.
- Hardware salvaged when possible.
- Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being south, and clocked counter clockwise.
- Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.
- Continue removing cable tray, brackets/supports, and uni-strut from SPS tank farm area.
- Disconnect and remove electric from the SPS control room and around filter press decks.
- Remove camera from SPS control room.

Field Personnel

- ARCADIS - 2
- Weeks - 1
- SECI - 2
- CHES - 9
- Best Electric - 2

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

Weeks:

- Receive, place, and grade stone for restoration along the floodwall
- Clean and prep construction trailer for demob

SECI/CHES:

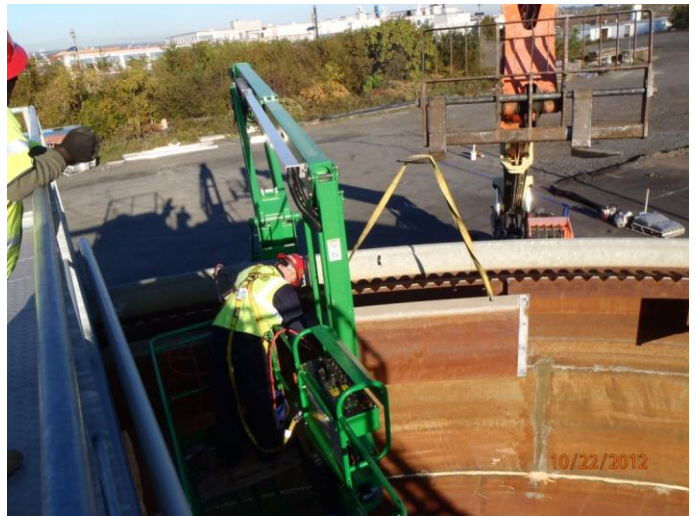
- Continue disassembly GT
- Continue disconnecting and removing electric

Technical Issues: None

Photo Log:



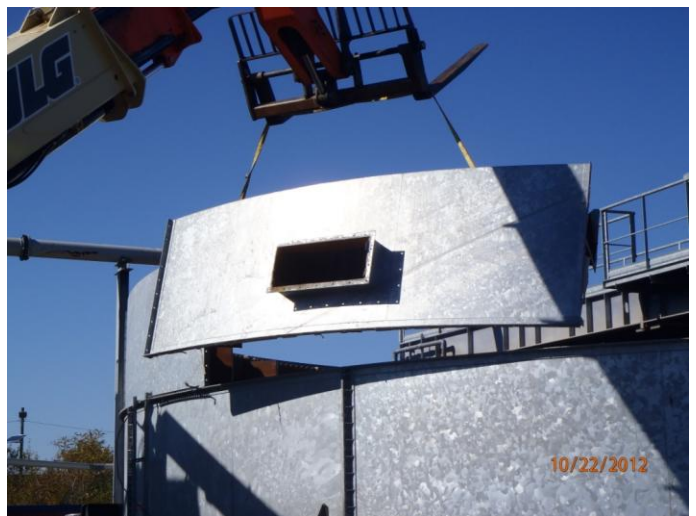
Clean room shower trailer demobed from the OU-1 site



Removing baffle from inside of GT



First panel section removed from the GT



GT Overflow to PWT panel removed

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T385-10.23.12 Date: 10/23/12 Day of Week: <u>S M [T] W T F S</u>
Contractors : Weeks DPK SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – mostly cloudy; PM – overcast/light rain		Temp: Min. 49°F /65°F Max. Wind: 0-5 MPH from SW/N

Completed Contractor Activities

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Disassembly of SPS – WPT, SHT 3, SHT 1

Contractor Activities and Remarks

ARCADIS:

- CQA/Construction oversight.
- DPK onsite at OU-1 to perform post construction survey.
- Perform restoration work with the CAT 320 excavator and Case 580 backhoe to place and grade 50 tons of stone along the OU-1 floodwall.

OU-1 Site

Weeks:

- Perform general cleanup along the OU-1 floodwall.
- Prep construction trailer & temp facilities for demob.

UPF Site

SECI/CHES:

- Continue disassembling the Gravity Thickener (GT)
 - Removed 21 side wall panel sections.
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.

- Hardware salvaged when possible.
- Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being south, and clocked counter clockwise.
- Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
- Tank panels and ancillary components are palletized accordingly.
- Remove SPS piping around GT, separation unit, and SHT 3 area.
- Continue removing cable tray, brackets/supports, and uni-strut from SPS.
- Disconnect and remove electric from filter presses and conveyors.

Field Personnel

- ARCADIS - 2
- Weeks - 1
- DPK - 1
- SECI - 3
- CHES - 9
- Best Electric – 3
- AmQuip - 1
- Sunbelt Rentals - 1

Equipment

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1600
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

- DPK will continue with post construction survey
- ARCADIS will perform post construction structural inspection of OU-1 floodwall

Weeks:

- Receive, place, and grade stone for restoration along the floodwall

SECI/CHES:

- Continue disassembly GT
- Continue disconnecting and removing electric

Technical Issues: None

Photo Log:



Removing static mixer from pipeline feed to GT



GT feed pipe removed



Removing panel from GT



Disassembly of the GT

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T386-10.24.12 Date: 10/24/12 Day of Week: <u>S M T [W] T F S</u>
<u>Contractors :</u> DPK SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast/light rain; PM – overcast/haze		Temp: Min. 56°F /62°F Max. Wind: 5-10 MPH from North

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Disassembly of SPS – WPT, SHT 3, SHT 1, GT (excluding bridges and ancillary components)

Contractor Activities and Remarks:

OU-1 Site

ARCADIS:

- CQA/Construction oversight.
- ARCADIS engineers performed post construction structural inspection of OU-1 floodwall
 - Wales and ancillary components inspected.
 - Tiebacks and ancillary components inspected.
 - Existing cracks identified during pre-construction inspection re-inspected.
 - Floodwall inspected for any new cracks.
 - ARCADIS engineers completed inspection. No structural issues were identified.
- DPK onsite to perform post construction survey for ARCADIS.
 - Complete survey of monitoring points along OU-1 floodwall and on Singer Realty bulkhead.
 - Complete survey of existing cracks in floodwall located during pre construction survey.
 - DPK will be back onsite the week of the 11/5 to survey new tieback locations and possibly resurvey old tiebacks if deemed necessary by ARCADIS engineers.
- Perform restoration work along the OU-1 floodwall with the CAT 320 excavator and Case 580 backhoe by continuing to place and grade stone.
 - ~ 50 tons of stone delivered. ~ 150 tons (6 tri-axle trucks) of stone delivered to date

- ~ 125 tons of stone placed and graded

UPF Site

ARCADIS:

- CQA/Construction oversight.

SECI/CHES:

- Continue disassembling the Gravity Thickener (GT)
 - Complete removing side wall panel sections.
 - Perform general cleaning of concrete pad with pressure washer.
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.
 - Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being south, and clocked counter clockwise.
 - Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
 - Tank panels and ancillary components are palletized accordingly.
- Remove SPS piping around GT, separation unit, and SHT 3 area.
- Continue removing cable tray, brackets/supports, and uni-strut from SPS.
- Disconnect and remove electric from filter presses, conveyors, and SHT tank farm area.

Field Personnel:

- ARCADIS - 4
- Weeks - 0
- DPK - 1
- SECI - 3
- CHES - 9
- Best Electric - 3
- AmQuip - 1

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Doosan Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: Adam Chwalibog and Lisa Bowe (ARCADIS)

Project hours of operation: OU-1 --- 0630 to 1830
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Thursday's Planned Activities:

Weeks:

- Complete placing and grading stone for restoration along the floodwall
- Perform general site cleanup
- Prep construction trailer and temp facilities for demob

SECI/CHES:

- Continue disassembly and palletizing of SPS
- Continue disconnecting and removing electric

Technical Issues: None

Photo Log:



View of OU-1 Floodwall and wale tieback system during post construction structural inspection



Removing overhead SPS system piping



Perform general cleaning of GT concrete pad with pressure washer



Completed disassembly of the GT tank

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T387-10.25.12 <u>Date:</u> 10/25/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – overcast		Temp: Min. 57°F /63°F Max. Wind: 5-10 MPH from East

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Disassembly of SPS – WPT, SHT 3, 1, & 2, and GT (excluding all bridges and ancillary components)

Contractor Activities and Remarks:

OU-1 Site

ARCADIS:

- CQA/Construction oversight.

Weeks/ARCADIS:

- Complete restoration work along the OU-1 floodwall with the CAT 320 excavator and Case 580 backhoe by continuing to place and grade stone.
 - ~ 150 tons of stone placed and graded
- Place and compact asphalt cold patch in trench cut through asphalt for misc piping and power cords used during operations
- Repair electrical outlets along the OU-1 floodwall.

UPF Site

ARCADIS:

- CQA/Construction oversight.

SECI/CHES:

- Remove and disassemble agitator motors from SHT 1 bridge.
- Disassemble and remove bridges for SHT 3 and 1.
- Note the following for tank disassembly:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.
 - Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being north, and clocked counter clockwise.
 - Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
 - Tank panels and ancillary components are palletized accordingly.
- Remove SPS piping around GT, separation unit, and SHT 3 area.
- Continue removing cable tray, brackets/supports, and uni-strut from SPS.
- Disconnect and remove electric from filter presses, conveyors, and SHT tank farm area.

Field Personnel:

- ARCADIS - 2
- Weeks - 0
- SECI - 3
- CHES - 9
- Best Electric - 3
- AmQuip/Shelby - 3

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: Paul Bluestein (Tierra)

Project hours of operation: OU-1 --- 0630 to 1830
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Friday's Planned Activities:

Weeks:

- Perform general site cleanup
- Prep construction trailer and temp facilities for demob
- Prep site for Hurricane Sandy

SECI/CHES:

- Continue disassembly and palletizing of SPS
- Continue disconnecting and removing electric
- Prep site for Hurricane Sandy

Technical Issues: None

Photo Log:



Disassembly of SHT 3 bridge



Prepping & rigging SHT 3 bridge for removal



Lifting SHT 3 bridge catwalk from supports



Agitator motor form SHT 1 bridge lowered for disassembly, and disassembly of SHT 3 catwalk

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T388-10.26.12 <u>Date:</u> 10/26/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Claude Dion (Weeks); Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – overcast		Temp: Min. 59°F /67°F Max. Wind: 0-5 MPH from NE/SE

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks is completely demobed from the OU-1 site (excluding the demob of one construction trailer)
- Disassembly of SPS – All Tanks (excluding GT bridge and ancillary components)

Contractor Activities and Remarks:

OU-1 Site

Weeks/ARCADIS:

- Complete general site cleanup
- Complete any grading and restoration work
- Complete prepping construction trailer and temp facilities for demob
- CAT 320 excavator moved from the OU-1 site to the UPF site. Excavator will be used to load concrete blocks on trucks for off-site shipment.
- Prep site for Hurricane Sandy

UPF Site

ARCADIS:

- CQA/Construction oversight.

ARCADIS/Weeks:

- Pull ARCADIS boat out of the Passaic River via the UPF access road and secure on high ground.

SECI/CHES:

- Remove and disassemble agitator motors from SHT 2 bridge. Disassemble and palletize all removed agitator motors for shipment off-site.
- Disassemble and remove bridge for SHT 2.
- Continue prepping removed tank panel sections and components for shipment off-site as follows:
 - Caulking is scraped and cleaned from tank panel sections.
 - Hardware salvaged when possible.
 - Tank components are ID labeled with sharpie markers and then permanently labeled with weather and UV resistant labels. For documentation purposes tanks are labeled by level (top, middle, bottom), oriented with 0° being north, and clocked counter clockwise.
 - Pallets are constructed for palletizing tank panel sections and ancillary components for loading and shipment off-site.
 - Tank panels and ancillary components are palletized accordingly.
- Remove piping from cyclones on separation unit.
- Continue removing cable tray, brackets/supports, and uni-strut from SPS.
- Disconnect and remove electric from filter presses.
- Prep site for Hurricane Sandy

Field Personnel:

- ARCADIS - 2
- Weeks - 1
- SECI - 3
- CHES - 7
- Best Electric - 3
- AmQuip/Shelby - 3

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: None

Project hours of operation: OU-1 --- 0630 to 1830
UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Saturday's Planned Activities:

SECI/CHES:

- Continue disassembly and palletizing of SPS
- Continue disconnecting and removing electric
- Prep site for Hurricane Sandy

Technical Issues: None

Photo Log:



View looking NE of OU-1 NE corner restoration



View looking SE of OU-1 NE corner restoration



Removing piping from cyclones on the separation unit



Stabilizing GT bridge and blade assembly for Hurricane Sandy

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T389-10.27.12 Date: 10/27/12 Day of Week: <u>S M T W T F [S]</u>
Contractors : SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – mostly cloudy		Temp: Min. 59°F /67°F Max. Wind: 0-10 MPH from NE/SE

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site (excluding the demob of one construction trailer)
- Disassembly of SPS – All Tanks (excluding GT bridge and ancillary components)

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- CQA/Construction oversight.

SECI/CHES:

- Continue palletizing and banding tank panel sections and SPS ancillary components for shipment off site.
- Place SPS pumps in conex storage boxes for shipment off site.
- Remove piping and brackets from filter presses.
- Continue removing cable tray, brackets/supports, and uni-strut from SPS.
- Disconnect and remove electric from filter presses.
- Prep site for Hurricane Sandy
 - Move equipment to higher ground.
 - Place crane mats and dunnage under SPS MCC conex boxes
 - Tie down, band, and secure SPS components

Field Personnel:

- ARCADIS - 1
- SECI - 3
- CHES - 4
- Best Electric - 3
- AmQuip/Shelby - 0

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: None

Project hours of operation: UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Monday's Planned Activities:

SECI/CHES/ARCADIS:

- Prep site for Hurricane Sandy

Technical Issues: None

Photo Log:



Piping support bracket removed from filter press area



Placing SPS pumps in conex storage boxes for shipment off site



Banding cable tray from SPS



Placed crane mats under main SPS MCC conex in prep for Hurricane Sandy storm surge

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T390-10.29.12 <u>Date:</u> 10/29/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> SECI CHES Remediation Rain for Rent (RFR) Hometown Security (UPF)	<u>ARCADIS Personnel :</u> None	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – wind/rain; PM – wind/rain		Temp: Min. 54°F /64°F Max. Wind: 20-60 MPH from NNE

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site (excluding the demob of one construction trailer)
- Disassembly of SPS – All Tanks (excluding GT bridge and ancillary components)

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Prep site for Hurricane Sandy
 - Move equipment to higher ground.
 - Tie down & secure equipment, temp facilities, and material
 - Prep 2" trash pump, hose, and fittings. Load in truck and take off site.
 - RFR delivered 6"x4" trash pump. Set up pump and hose in prep for pump station failure due to power outages.

SECI/CHES:

- Continue palletizing and banding tank panel sections and SPS ancillary components for shipment off site and secure for Hurricane Sandy.
- Remove piping and brackets from filter presses.
- Prep site for Hurricane Sandy
 - Move equipment to higher ground.
 - Place crane mats and dunnage under SPS MCC conex boxes
 - Tie down, band, and secure SPS components

Field Personnel:

- ARCADIS - 1
- SECI - 3
- CHES - 6
- Best Electric - 0
- AmQuip/Shelby - 0
- RFR - 1

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: None

Project hours of operation: UPF --- 0600 to 1100

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES/ARCADIS:

- Site will be shut-down due to Hurricane Sandy

Technical Issues: None

Photo Log:



Gravity Thickener bridge tied off to concrete blocks



Removing unsecure brackets and piping from filter press area



Filter press set 1 MCC conex raised with dunnage in prep for storm surge flooding



Filter press set 2 MCC conex raised with crane mats in prep for storm surge flooding



Portable Johns and wash station secured and tied off to concrete block



Equipment parked on higher ground in NW corner of site



Equipment parked on higher ground in NW corner of site



Trash pump set up at pump station as contingency for power outage



Passaic River begins to crest it's banks



Flood waters on Blanchard Street rising quickly & reaching the UPF site upon leaving

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T391-10.31.12 <u>Date:</u> 10/31/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> None	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – mostly cloudy; PM – mostly cloudy		Temp: Min. 42°F /64°F Max. Wind: 5-20 MPH from SW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site (excluding the demob of one construction trailer)
- Disassembly of SPS – All Tanks (excluding GT bridge and ancillary components)

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Assess damage to equipment and facilities resulting from Hurricane Sandy.
 - Site has no power. As precaution power also shut off at main breaker.
 - Estimated that a 14'-15' storm surge rose on site, which put on average 6' of water across the site. Water levels measured from water markings on equipment and trailers.
 - Two ARCADIS construction trailers sustained damage due to flooding and high winds.
 - Multi Rae meter and dust meter located in trailer also sustained water damage.
 - 4 light poles and wire are downed. All electrical panels and transformers are probably damaged due to the high storm surge.
 - Water in vicinity of the 6"x4" trash pump was over 6ft. deep which flooded exhaust pipe on top of pump and compromised oil in pump. Oil/water was drained and new oil added. Pump was started and engine performed fine.
- Use 2" and 4" trash pumps to pump water off the UPF asphalt pad from flooding.
- Begin cleaning up debris and trash from storm.
- 9 drums of material from dredging and processing operations were accounted for.

- Eight drums were generated from material discovered in grizzly and trommel screens during disassembly of the Weeks 62 barge in Greenville Yard.
- One drum of material was generated from Weeks 71 & 72 material scows. Some material was discovered behind steel I-beam channels for wood partition walls when removed.
- All drums will be disposed of under project profiles.

SECI/CHES:

- Initial assessments by SECI personnel of damage to SPS equipment and facilities resulting from Hurricane Sandy as follows:
 - Electronics and controls in MCC conex boxes sustained water damaged due to the extremely high storm surge.
 - SECI main control building was blown over on its side and was submerged in flood waters.
 - All electrical distribution panels sustained water damage.
 - Electrical motors on pumps, valves, agitators, etc., sustained water damage.
- Begin performing general clean up and gathering of misc. parts and pieces from SPS, which were blown and floated around.
- AmQuip mechanic replaced fuses in electrical control box and performed general preventative maintenance due to flood waters reaching electrical and mechanical components on 40-ton crane.

Field Personnel:

- ARCADIS - 1
- SECI - 3
- CHES - 7
- Best Electric - 0
- AmQuip - 1

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: Paul Bluestein (Tierra), Eugenia Naranjo (USEPA)

Project hours of operation: UPF --- 0600 to 1800

Health and Safety: None

Communications: None

Thursday's Planned Activities:

SECI/CHES:

- Continue disassembling SPS

Technical Issues: None

Photo Log:



Arcadis construction trailer



Rear view of Arcadis construction trailer



Flood water level line on one trailer



SECI control building blown down and misc piping scattered about



Light pole blown down



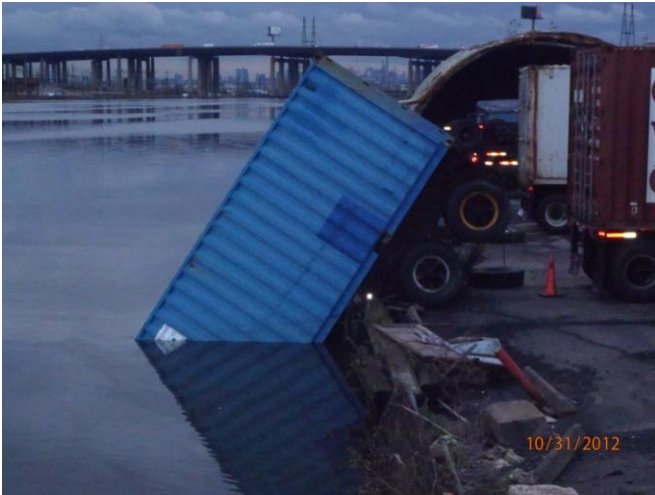
Another light pole blown down



Bundled drums moved by flood waters & hung up on GT mixing blade



Remaining flood waters on site



Container from Singer Realty, 2 other containers from Singer were located upstream across from S-W property



Flood line at OU-1

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T392-11.01.12 <u>Date:</u> 11/01/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Bill Jennings	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – scattered clouds; PM – mostly cloudy		Temp: Min. 41°F /53°F Max. Wind: 5-15 MPH from SW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site (excluding the demob of one construction trailer)
- Disassembly of SPS – All Tanks (excluding GT bridge and ancillary components)

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight
- Continue cleaning up debris and trash from storm.

SECI/CHES:

- Disassembly of separation unit
 - Remove shaker screens
 - Remove cyclones
- Continue general clean up and gathering of misc. parts and pieces from SPS, which were blown and floated around during Sandy.

Field Personnel:

- ARCADIS - 2
- SECI - 3
- CHES - 7
- Best Electric - 0
- AmQuip/Shelby - 4

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: None

Project hours of operation: UPF --- 0600 to 1800

Health and Safety: None

Communications: None

Friday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS and general site cleanup

Technical Issues: None

Photo Log:



Removing cyclones from separation unit



Rigging shaker screen for removal from separation unit



Removing shaker screen from separation unit



Removing debris in front of OU-1 gate

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T393-11.02.12 Date: 11/02/12 Day of Week: <u>S M T W T [F] S</u>
Contractors : SECI CHES Remediation Williams Scotsman Hometown Security (UPF)	ARCADIS Personnel : Bill Jennings	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – mostly cloudy; PM – mostly cloudy		Temp: Min. 42°F /54°F Max. Wind: 5-20 MPH from West

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- Disassembly of SPS – All Tanks

Contractor Activities and Remarks:

OU-1 Site

Weeks:

- Williams Scotsman demobed construction trailer from the OU-1 site.

ARCADIS:

- Collected and placed back around warehouse drums from water treatment plant that floated around the site during Hurricane Sandy.
- Stood up large cement pots blown over by Sandy, and straightened trees along OU-1 floodwall access road.

UPF Site

ARCADIS:

- Construction oversight.
- Continue cleaning up debris and trash from storm.
- Collected misc drums found on-site and staged in the NE corner.

SECI/CHES:

- Disassemble Gravity Thickener bridge, mixing blade, shaft and motor housing
- Continue with general clean up and gathering of misc. parts and pieces from SPS, which were blown and floated around during Sandy.

Field Personnel:

- ARCADIS - 2
- SECI - 3
- CHES - 7
- Best Electric - 0
- AmQuip/Shelby - 4

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: None

Project hours of operation: UPF --- 0600 to 1800

Health and Safety: None

Communications: None

Saturday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS and general site cleanup

Technical Issues: None

Photo Log:



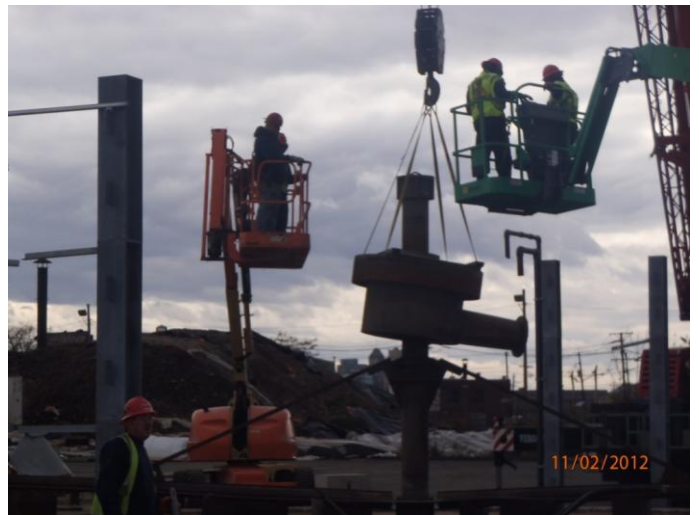
Rigging Gravity Thickener bridge for removal



View of SPS disassembly operations



Removing Gravity Thickener bridge from support legs



Removing mixing blade & shaft from Gravity Thickener slab

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T394-11.03.12 Date: 11/03/12 Day of Week: <u>S M T W T F [S]</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Bill Jennings Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – scattered clouds; PM – partly cloudy		Temp: Min. 40°F /53°F Max. Wind: 10-30 MPH from WNW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- Disassembly of SPS – All Tanks

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Continue cleaning up debris and trash from storm.

SECI/CHES:

- Continue and complete Disassembly of Gravity Thickener mixing blade, shaft and motor housing.
- Disassemble rails from removed tank bridges.
- Disassemble shaker screens for final decon.
- Continue with general clean up and gathering of misc. parts and pieces from SPS, which were blown and floated around during Sandy.

Field Personnel:

- ARCADIS - 2
- SECI - 2
- CHES - 7
- AmQuip/Shelby - 0

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container

Visitors: None

Project hours of operation: UPF --- 0700 to 1600

Health and Safety: None

Communications: None

Monday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS and general site cleanup
- Begin loading SPS components on tractor flatbed trailers for shipment off site

Technical Issues: None

Photo Log:



Removing components from bridge deck



Removing rail from bridge deck



Gravity Thickener and ancillary components disassembled



Mixing blades removed from Gravity Thickener

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T395-11.05.12 <u>Date:</u> 11/05/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> OSI SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – mostly cloudy		Temp: Min. 35°F /48°F Max. Wind: 10-20 MPH from NW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

OU-1

- OSI onsite to set up GPS base station for performing bathymetric survey.

UPF Site

ARCADIS:

- Construction oversight.

SECI/CHES:

- Band pallets of SPS components for shipment.
- Load pallets of SPS equipment onto flatbed tractor trailers for shipment off site.
 - 6 trucks loaded and shipped off site.
- Move shaker screen onto gravity thickener pad for final decon.
 - Gravity thickener pad will be utilized as decon pad for any remaining decon work due to residual solids that may be discovered during disassembly of SPS.
 - Gravity thickener tank leveling ring still remains embedded in keyway of concrete pad. This will contain decon water on the pad. Decon water will then be pumped off from the top of the center

cone and transferred into Adler tank. Water from the Adler tank will be transferred to the WTP at OU-1 via a vac truck. Settled solids in the cone will be removed and placed in drums for disposal.

- Adler tank mobilized to containerize any water generated from decon operations

Field Personnel:

- ARCADIS - 1
- SECI - 3
- CHES - 7
- AmQuip/Shelby - 7

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container
- Adler tank

Visitors: None

Project hours of operation: UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS and general site cleanup
- Continue loading SPS components on flatbed tractor trailers for shipment off site

Technical Issues: None

Photo Log:



Sludge holding tank components loaded for shipment off site



Gravity thickener and process water tank components loaded for shipment off site



Load sludge holding tank panel sections onto flatbed for shipment off site



Moving shaker screen from coarse solids for final decon

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T396-11.06.12 <u>Date:</u> 11/06/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> OSI SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – partly cloudy; PM – scattered clouds		Temp: Min. 27°F /45°F Max. Wind: 0-10 MPH from NNE

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

OU-1

- OSI onsite performing bathymetric survey.

UPF Site

ARCADIS:

- Construction oversight.

SECI/CHES:

- Continue disassembling tank bridges for shipment off site.
- Band pallets of SPS components for shipment.
- Load pallets of SPS equipment onto flatbed tractor trailers for shipment off site.
 - 6 trucks loaded and shipped off site.
- Dry decon residual sediments from shaker screen on gravity thickener pad. Sediment is removed and placed in heavy duty trash bags. Bags will be placed into steel drums for disposal.

Field Personnel:

- ARCADIS - 1
- SECI - 3
- CHES - 7
- AmQuip/Shelby - 7

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG M600JP 60' Boom Lift
- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- JLG 10054 Telehandler
- Lull G10-55A Telehandler
- Air Compressor
- 40-ton Crane
- (1) Roll-off container
- Adler tank

Visitors: None

Project hours of operation: UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS and general site cleanup
- Continue loading SPS components on flatbed tractor trailers for shipment off site

Technical Issues: None

Photo Log:



OSI performing bathymetric survey of backfill



Dry decon residual solids from shaker screen



Sludge holding tank bridges and leg supports shipped off site



Gravity thickener tank panel sections shipped off site

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T397-11.07.12 <u>Date:</u> 11/07/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> OSI SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Matt Bowman Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – light snow		Temp: Min. 32°F /40°F Max. Wind: 10-30 MPH from North

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

OU-1

- OSI completed bathymetric survey of backfill in sediment removal area.

UPF Site

ARCADIS:

- Construction oversight.

SECI/CHES:

- Prepare tank bridges and railings for shipment off site.
- Band pallets of SPS components for shipment.
- Remove cable tray around filter presses
- Demob the following equipment:
 - JLG M600JP 60' Boom Lift
 - JLG 10054 Telehandler, Lull G10-55A Telehandler
 - 100-ton crane

- Prepare site for Nor'easter

Field Personnel:

- ARCADIS - 2
- SECI - 3
- CHES - 6
- AmQuip/Shelby - 0
- Sunbelt Rentals - 3

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- Air Compressor
- 40-ton Crane
- (1) Roll-off container
- Adler tank

Visitors: Matt Bowman (ARCADIS)

Project hours of operation: UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Thursday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS and general site cleanup
- Continue loading SPS components on flatbed tractor trailers for shipment off site

Technical Issues: None

Photo Log:



Banding sludge holding tank panel sections for shipment off site



Cable tray removed from under filter press deck



Boom lift demobed from site



Telehandler demobed from site

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T398-11.08.12 <u>Date:</u> 11/08/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> Weeks SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES); Claude Dion (Weeks) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – mostly cloudy		Temp: Min. 33°F /49°F Max. Wind: 5-20 MPH from NW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.

SECI/CHES:

- Begin disassembling conveyors.
- Begin preparing filter press plates for shipment off site.
- Remove cable tray around filter presses.
- Demobed 40-ton crane.
- Mobilized new conex/office trailer from Williams Scotsman to replace trailer damaged during Sandy.
- SECI insurance adjuster will be flying in from Holland on Monday (11/12) to assess damage to equipment from Hurricane Sandy. The site will be temporarily shut down on Friday (11/09) & Saturday (11/10) so adjuster will be able to assess damaged equipment before it is disassembled or moved. Work will resume on Monday after adjuster has had a chance to assess equipment damage.

Weeks:

- Load (60) 2'x2'x6' concrete blocks from the UPF on tractor trailer flatbeds for shipment offsite.

Field Personnel:

- ARCADIS - 1
- SECI - 3
- CHES - 3
- Weeks - 4
- AmQuip/Shelby - 1
- Williams Scotsman - 1

Equipment:

ARCADIS:

- Case 580 Backhoe

Weeks:

- CAT 320 Excavator

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- Air Compressor
- (1) Roll-off container
- Adler tank

Visitors: None

Project hours of operation: UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Monday's Planned Activities:

SECI/CHES:

- SECI insurance adjuster will be on site to assess damage to SPS equipment
- Continue with disassembling SPS and general site cleanup
- Continue loading SPS components on flatbed tractor trailers for shipment off site

Technical Issues: None

Photo Log:



Prepping filter press plates for shipment



Weeks loading concrete blocks on flatbed for shipment off site



Mobilization of new SECI construction trailer



Demob of 40-ton crane

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T399-11.12.12 <u>Date:</u> 11/12/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Justin Lis (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – fog; PM – mostly cloudy		Temp: Min. 46°F /67°F Max. Wind: 0-10 MPH variable

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Met with Ernie (insurance adjuster from Williams Scotsman) to assess damage to construction trailers. Both trailers rented by ARCDIS were determined to be totaled by adjuster due to moisture and structural damage from flooding and high winds.
- Ernie also assessed other rented facilities on-site.
 - Hometown Security guard shack assessed and determined to be totaled due to moisture from flooding.
 - SECI construction trailer, main control building (conex) and other facilities assessed and determined to be totaled due to moisture and structural damage from flooding and high winds.

SECI/CHES:

- Begin removing yellow guard gates, fence, and rails around filter press decks.
- Begin disassembly of slide rail bars on filter presses.
- SECI insurance adjuster on site to assess damage to equipment from Hurricane Sandy.

Weeks:

- Demobilized the CAT 320 excavator used for loading out concrete blocks.

Field Personnel:

- ARCADIS - 2
- SECI - 3
- CHES - 4
- AmQuip/Shelby - 1
- Williams Scotsman - 1
- Sunbelt Rentals - 1

Equipment:

ARCADIS:

- Case 580 Backhoe

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank

Visitors: Insurance adjuster (SECI), Ernie insurance adjuster (Williams Scotsman)

Project hours of operation: UPF --- 0600 to 1800

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS for offsite shipment and general site cleanup
- Continue loading SPS components on flatbed tractor trailers for shipment off site

Technical Issues: None

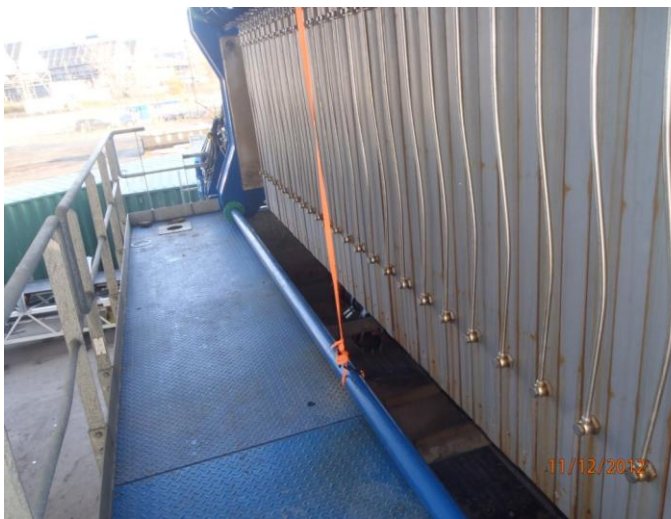
Photo Log:



Removing guard fencing from filter press deck



Protective guards removed from filter press deck area



Securing slide rail bar for disassembly



Weeks demob CAT 320 from the UPF site

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T400-11.13.12 <u>Date:</u> 11/13/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns Bill Jennings	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – overcast; PM – light rain		Temp: Min. 40°F /62°F Max. Wind: 5-20 MPH from NW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Set up 2" trash pump & hose for pumping down storm water from the pump station and asphalt pad.

SECI/CHES:

- Continue removing yellow guard gates, fence, and rails around filter press decks.
- Begin disassembly of slide rail bars on filter presses.
- Disassemble HDPE piping and cable tray from under the filter press decks.
- Pressure wash and perform general decon of shaker screens on the gravity thickener pad.
 - Gravity thickener leveling ring remains embedded in the concrete keyway and will provide containment on the pad.
 - Water is collected in the center cone and pumped into an Adler frac tank for T&D at OU-1 WTP.
 - Solids are allowed to settle in cone and are removed for T&D.

Field Personnel:

- ARCADIS - 3
- SECI - 2
- CHES - 6
- AmQuip/Shelby - 0
- Williams Scotsman - 1

Equipment:

ARCADIS:

- Case 580 Backhoe

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank

Visitors: None

Project hours of operation: UPF --- 0600 to 1800

Health and Safety: None

Communications: None

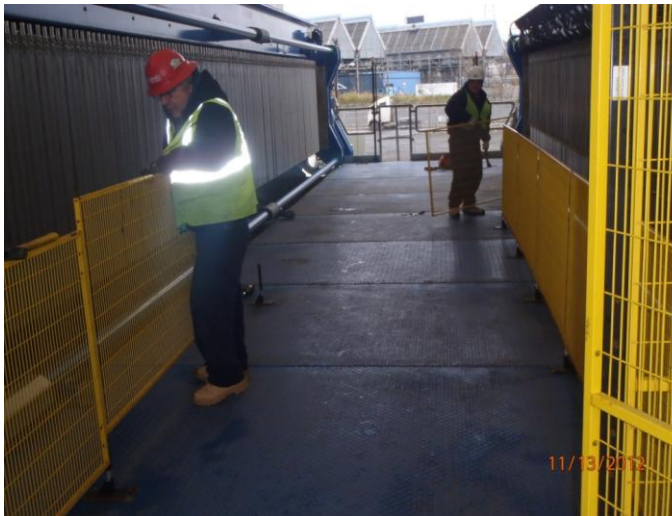
Wednesday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS for offsite shipment and general site cleanup
- Continue loading SPS components on flatbed tractor trailers for shipment off site
- Disconnect transformer and main power distribution panel from trailers
- ABScope will begin mobilizing equipment

Technical Issues: None

Photo Log:



Removing guard fencing from filter press deck



Pressure washing shaker screen on gravity thickener pad



Cable tray removed from filter presses



HDPE pipe removed from filter presses

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T401-11.14.12 Date: 11/14/12 Day of Week: <u>S M T [W] T F S</u>
Contractors : SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns Bill Jennings	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – scattered clouds		Temp: Min. 35°F /49°F Max. Wind: 5-10 MPH from North

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Disconnected transformer and main power distribution panel for construction trailers.
 - Main power panel and cam lock cables are rented from Hertz and were called off rent.
- Met with Pine rep for pick-up of the flood damaged MultiRae and dust meter from the UPF site.

SECI/CHES:

- Began to remove moisture and dry up MCC conex boxes
 - Pulled floor boards up from (2) MCC conex boxes for filter presses to allow moisture to dry
 - Used shop vac to remove access water and debris from conex boxes
 - Used fans and heaters to assist in drying out conex box floor bases and electronics
- Pressure wash and perform general decon of gravity thickener pipes.
 - Decon performed on gravity thickener pad. Gravity thickener leveling ring remains embedded in the concrete keyway and will provide containment on the pad.

- Water is collected in the center cone and pumped into an Adler frac tank for T&D at OU-1 WTP.
- Solids are allowed to settle in cone and are removed for T&D.
- CHES mobilized small construction trailer from Williams Scotsman

ABSCOPE:

- Mobilized Komatsu 300 excavator
- Loaded and shipped 8 crane mats off site.

Field Personnel:

- ARCADIS - 3
- SECI - 2
- CHES - 6
- AmQuip/Shelby - 0
- Pine Environmental - 1
- Williams Scotsman – 1
- Abscope - 1

Equipment:

ARCADIS:

- Case 580 Backhoe

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank

ABSCOPE:

- Komatsu PC300LC Excavator

Visitors: None

Project hours of operation: UPF --- 0600 to 1800

Health and Safety: None

Communications: None

Thursday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS for offsite shipment and general site cleanup
- Continue loading SPS components on flatbed tractor trailers for shipment off site
- ABSCOPE will begin cutting HDPE pipe for shipment off site

Technical Issues: None

Photo Log:



Floor boards removed from MCC conex to assist in drying



Pressure washing gravity thickener pipe



Abscope mobilizes excavator for demo work



Abscope loads crane mats from WTS for shipment off site

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T402-11.15.12 <u>Date:</u> 11/15/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – partly cloudy; PM – mostly clouds		Temp: Min. 34°F /46°F Max. Wind: 5-15 MPH from NNE

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.

SECI/CHES:

- Continue to run fans and heaters to assist in drying out moisture from conex box sub floors and electronics.
- Pressure wash and perform general decon of coarse solids shaker screen parts & hopper.
 - Decon performed on gravity thickener pad. Gravity thickener leveling ring remains embedded in the concrete keyway and will provide containment on the pad.
 - Water is collected in the center cone and pumped into an Adler frac tank for T&D at OU-1 WTP.
 - Solids are allowed to settle in cone and are removed for T&D.
- Continue loading sediment processing equipment on tractor trailer flatbeds for shipment off site.
 - Shaker screen and hopper loaded out.
 - Gravity thickener pipes & mechanical components loaded out.

- 3 trucks loaded and shipped out to CHES Bridgeport Yard.
- Begin disassembling sump pumps and piping from weir sumps in catch basins.
- Begin disassembling filter press sludge feed pumps in conex boxes.
- AmQuip mobilized 100-ton crane

ABSCOPE:

- Begin cutting and staging HDPE pipe in 50' sections for shipment off site.
- Mobilized Komatsu WA250PZ loader w/fork attachment.

Field Personnel:

- ARCADIS - 2
- SECI - 2
- CHES - 7
- AmQuip/Shelby – 2
- L&C Trucking - 3
- Abscope - 2

Equipment:

ARCADIS:

- Case 580 Backhoe

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- 100-ton crane

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment

Visitors: None

Project hours of operation: UPF --- 0600 to 1800

Health and Safety: None

Communications: None

Friday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS for offsite shipment and general site cleanup.
- Continue loading SPS components on flatbed tractor trailers for shipment off site.
- SECI/CHES clean up water treatment pad so ABSCOPE can begin removing concrete pads on Monday (11/19)
- ABSCOPE will continue cutting HDPE pipe for shipment off site. Begin loading and shipping pipe off site.

Technical Issues: None

Photo Log:



Moving sections of main control building off the pad. Bldg was knocked over during Sandy.



Shaker screen loaded for shipment off site



Hopper from coarse solids separation unit moved to decon pad for final pressure washing



Pressure washing hopper from coarse solids separation unit



**Components of coarse solids separation unit
deconned and ready for demob**



Coarse solids hopper loaded for shipment off site



**Abscope moving 50' cut section of HDPE pipe to
staging area for shipment off site**



**Abscope cutting dual contained HDPE pipe into 50'
sections**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T403-11.16.12 <u>Date:</u> 11/16/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – mostly cloudy; PM – partly cloudy		Temp: Min. 35°F /49°F Max. Wind: 5-15 MPH from North

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Disassembly of SPS (Sediment Processing System) – All Tanks

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Disconnect electrical lines from (2) sub panels off main.
 - Subpanel disconnected for UPF lights and pump station.
 - Subpanel disconnected for construction trailers.
- Performed inspection of concrete pads with Jim Mack from Morris (excluding filter press pads). Pads were inspected for staining. Upon visual inspection Jim Mack and Mike Pelenski confirmed that concrete did not possess any consequential staining, and pads were approved for removal and crushing

SECI/CHES:

- Continue loading sediment processing equipment on tractor trailer flatbeds for shipment off site.
 - Coarse solids separation unit slurry box and hopper loaded out.
 - (2) conex boxes containing pumps, motors, and components of sediment processing system loaded out.

- Miscellaneous piping and brackets loaded out.
- 5 trucks loaded and shipped out to CHES Bridgeport Yard.
- Continue disassembling and disconnecting electrical from filter press sludge feed pumps in conex boxes.
- Move main and radial stacker conveyor in front of filter presses to make space for disassembling the canopies.
- Move conex boxes in front of filter presses to make space for disassembling canopies.
- Mobilized a telehandler and air compressor

ABSCOPE:

- Complete cutting and staging HDPE pipe in 50' sections for shipment off site.
- Mobilized Cat 330c Excavator w/ hydraulic hammer attachment.
- Loaded 24 crane mats (2) tractor trailer flatbeds for shipment off site.

Field Personnel:

- ARCADIS - 2
- SECI - 2
- CHES - 9
- AmQuip/Shelby – 8
- Best Electric - 2
- Abscope - 3

Equipment:

ARCADIS:

- Case 580 Backhoe

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- 100-ton crane
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment

Visitors: Jim Mack (Morris environmental consultant)

Project hours of operation: UPF --- 0600 to 1830

Health and Safety: None

Communications: None

Saturday's Planned Activities:

SECI/CHES:

- Continue with disassembling SPS for offsite shipment.
- SECI/CHES clean up water treatment pad so ABSCOPE can begin removing concrete pads on Monday (11/19)

ABSCOPE:

- None

Technical Issues: None

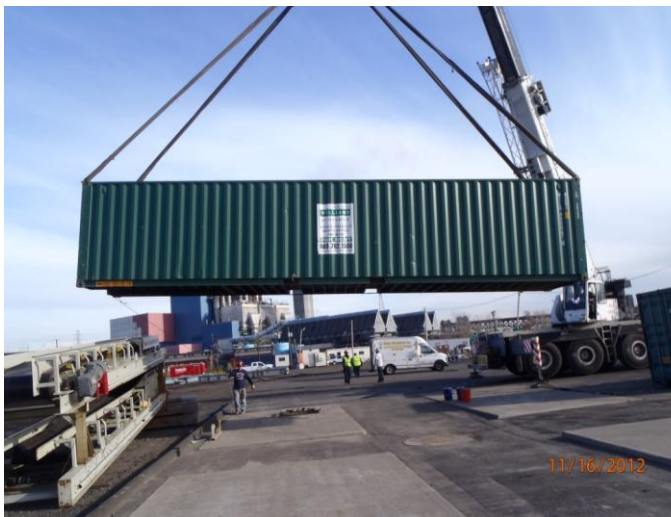
Photo Log:



**Loading hopper for coarse solids separation unit
for shipment off site**



**Coarse solids separation hopper & slurry box
shipped off site**



Storage conex box removed from asphalt pad



Removing main conveyor for filter presses



Hydraulic hammer mobilized for concrete pad demo



Absope loaded crane mats for shipment off site

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T404-11.17.12 Date: 11/17/12 Day of Week: <u>S M T W T F [S]</u>
Contractors : SECI CHES Remediation Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – sunny		Temp: Min. 33°F /53°F Max. Wind: 5-15 MPH from NNE

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Disassembly of SPS (Sediment Processing System) – All Tanks, Coarse Solids Separation Unit

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.

SECI/CHES:

- Complete disconnecting electrical from filter press sludge feed pumps in conex boxes. Remove pumps from boxes.
- Continue disconnecting and removing electrical for filter presses and associated MCC conex boxes.
- Disconnect and remove overhead lighting under filter press canopies.
- Continue disassembly of main and radial stacker conveyors for coarse solids and filter cake.
 - Any debris and/or solids discovered during disassembly of conveyors will be put in trash bags and drummed for T&D.
- Perform general clean up of water treatment pad so ABSCOPE can begin removing concrete pads on Mon (11/19).

ABSCOPE:

- No work

Field Personnel:

- ARCADIS - 1
- SECI - 2
- CHES - 8
- AmQuip/Shelby – 0
- Best Electric - 0
- Abscope - 0

Equipment:

ARCADIS:

- Case 580 Backhoe

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- 100-ton crane
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment

Visitors: Jim Mack (Morris environmental consultant)

Project hours of operation: UPF --- 0600 to 1730

Health and Safety: None

Communications: None

Monday's Planned Activities:

SECI/CHES:

- Pull canopy covers off canopy framing
- Continue to disassemble of filter presses and conveyors for shipment off site

ABSCOPE:

- Begin removing concrete pads from WTS asphalt pad. Only pads without surrogate sampling boxes under them will be removed.

Technical Issues: None

Photo Log:



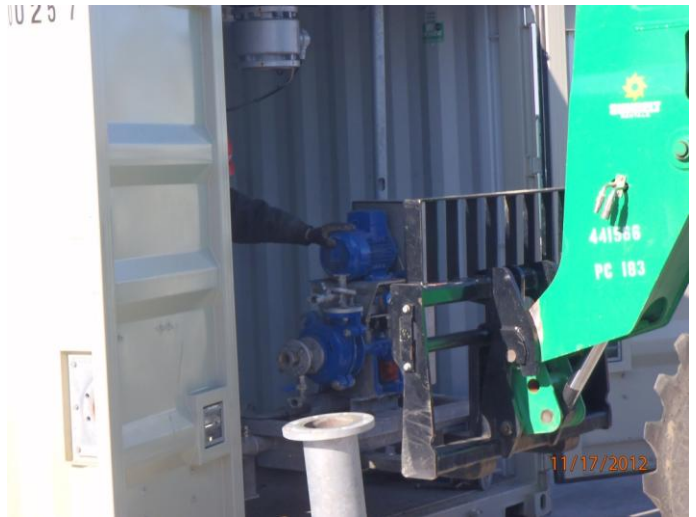
Removing overhead lighting from under filter press canopy



Solids & debris trapped under conveyor base collected for disposal



Disconnecting electrical wiring from filter press to MCC conex



Removing sludge feed pump for filter press

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T405-11.19.12 <u>Date:</u> 11/19/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – scattered clouds; PM – mostly cloudy		Temp: Min. 35°F /49°F Max. Wind: 5-15 MPH from NNE

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Disassembly of SPS (Sediment Processing System) – All Tanks, Coarse Solids Separation Unit

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Hertz delivered an 18" walk behind saw for cutting asphalt.

DPK:

- Marked out remaining (5) surrogate sampling box locations on concrete pads and around filter presses.

SECI/CHES:

- Complete removal of filter press sludge feed pumps from conex boxes.
- Continue disconnecting and removing electrical for filter presses and associated MCC conex boxes.
- Complete disconnecting and removing overhead lighting under filter press canopies.

- Completed removing canopy covers from Filter Press set 1 (north set) and removed half the canopy cover from structure around filter press set 2.

ABSCOPE:

- Begin demolition & removal of concrete slabs in WTS pad.
 - Removed and backfilled (6) concrete slabs
 - Removed (5) concrete slabs from slab #1 area used for Calgon carbon vessels.
 - Removed slab #2 used for bag filters
 - Hammered on (3) concrete slabs
 - Hammered concrete slab #6 used for the Actiflo trailer.
 - Hammered concrete slab #5 used for setting the surge tank.
 - Hammered Concrete slab #3 used for pump house building #2.
 - Concrete slab areas are backfilled with previously cut material stockpiled in the NW corner of the site. Material was generated from the construction of UPF civil structures and infrastructure.

Field Personnel:

- ARCADIS - 1
- SECI - 2
- CHES - 8
- AmQuip - 2
- Best Electric - 2
- Abscope - 3
- Big Top – 1
- DPK - 2

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- 100-ton crane
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment

Visitors: None

Project hours of operation: UPF --- 0600 to 1730

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES:

- Finish removing canopy covers from canopy framing
- Begin removing canopy monolithic arch trusses and support legs
- Continue to disassemble filter presses and conveyors for shipment off site

ABSCOPE:

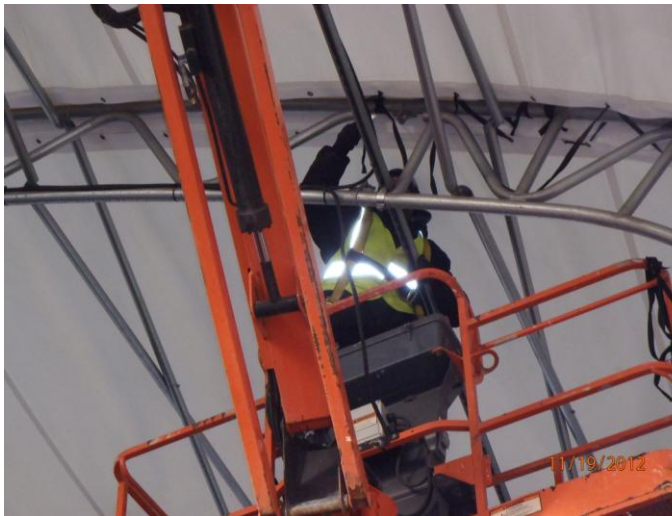
- Complete removing & backfilling concrete pads from WTS asphalt pad. Begin removing slab #10 used for sludge holding tank 3.

ARCADIS:

- Collect, package and ship out surrogate box samples PRR1SOLPC-13 & PRR1SOLCPC-14

Technical Issues: None

Photo Log:



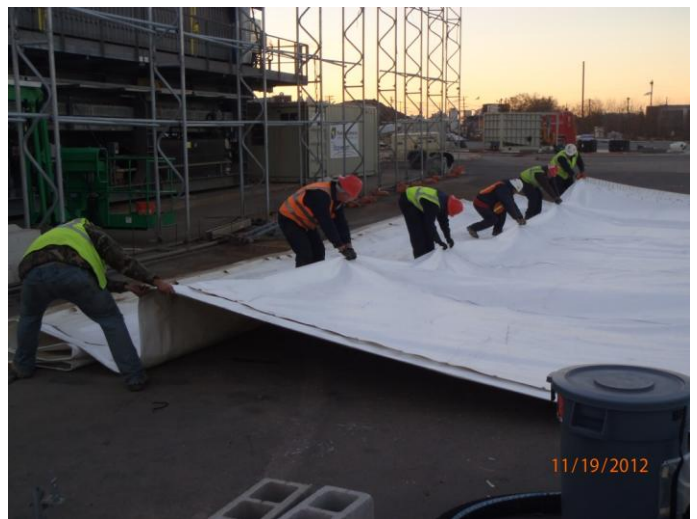
Removing overhead lighting from under filter press canopy



Disconnecting cables form filter press



Removing canopy cover from frame over filter presses



Folding canopy cover for shipment and storage off site



Begin removal of carbon vessel concrete slabs



Removing a carbon vessel slab



View of concrete slab demolition operation



Concrete slab #2 removed from water treatment pad area

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T406-11.20.12 Date: 11/20/12 Day of Week: <u>S M [T] W T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns Gavin Gandhi	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – mostly cloudy; PM – partly cloudy		Temp: Min. 34°F /52°F Max. Wind: 5-10 MPH from North

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All Tanks, Coarse Solids Separation Unit, Canopy Covers

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Marked out & saw cut (3) 5'x5' boxes in asphalt around assessable surrogate sample box locations PRR1SOLPC 1, 2, & 8 on the sediment processing pad. Asphalt layer was cut to a depth of 4 ½" leaving ~ a ½" of the asphalt base layer uncut. This allowed for the precutting of asphalt for sample collection and eliminates the possibility for the surrogate sampling boxes to be compromised by any storm water. Samples are scheduled to be collected on Monday 11/26.
- Collected, packaged, and shipped out surrogate box samples PRR1SOLPC-13 & PRR1SOLPC-14 from

underneath concrete slab #4 and slab #1 (southern middle) respectively in the water treatment pad. Sample collection observations and conditions will be noted in the daily CQA report. All surrogate sample box samples have been collected from the water treatment pad excluding PRR1SOLPC-12, which was determined to be destroyed during asphalt sub-base installation.

- Met with Claude Dion of Weeks Marine to obtain lifting eye for removal of 2'x2'x6' concrete blocks placed on canopy frame base rails for anchor weights. Weeks will load the (12) concrete blocks for shipment off site at a later date.

SECI/CHES:

- Completed removing second half of the canopy cover from framing around filter press set 2 (south set).
- Completed removing x-bracing and arched truss framing over filter press set 1 (north set). Base rails will be removed Monday 11/26.
- Removed sediment processing system conex box from slab #10 used for sludge holding tank 3 (SHT-3).

ABSCOPE:

- Disconnected electrical and removed pump station control panel from slab #7.
- Complete demolition, removal, & backfill of concrete slabs in Water Treatment System (WTS) pad.
 - Removed and backfilled (6) concrete slabs
 - Removed (1) concrete slab (middle south) from slab #1 area used for Calgon carbon vessels.
 - Removed concrete slab #7 used for setting pump station control panel.
 - Removed concrete slab #6 used for the Actiflo trailer.
 - Removed concrete slab #5 used for setting the surge tank.
 - Removed Concrete slab #4 used for MMF sand filters.
 - Removed Concrete slab #3 used for pump house building #2.
 - Completed removal and backfill of all (12) concrete slabs in WTS asphalt pad area.
 - Slab areas are backfilled with previously cut material stockpiled in the NW corner of the site. Material was generated from the construction of the UPF civil structures and infrastructure.
 - Demolished concrete & rebar is stockpiled along the northern border of the WTS pad where it will be further processed with a pulverizer beginning Monday 11/26.
 - Hammered on (1) concrete slab
 - Hammered concrete slab #10 on sediment processing pad used for SHT-3.

Field Personnel:

- ARCADIS - 3
- SECI - 2
- CHES - 6
- AmQuip - 2
- Abscope - 3
- Big Top - 1

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- 100-ton crane
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment

Visitors: Claude Dion (Weeks)

Project hours of operation: UPF --- 0600 to 1830

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

SECI/CHES:

- Work with a short crew (2 men) to consolidate sediment processing piping and components for shipment off site.

ABSCOPE:

- Continue with removal of slab #10 used for sludge holding tank 3.
- Use hydraulic hammer to size stockpiled demolished concrete & rebar into more manageable pieces to be handled by the pulverizer.

Technical Issues: None

Photo Log:



Canopy covers removed from truss frames



X-bracing removed from canopy truss framing



Removing canopy truss frame member



Abscope begins removal of slab #10 on sediment processing pad



Electrical lines to pump station control panel disconnected for removal



PRR1SOLPC-14 uncovered for sample collection



Composite sample collected for PRR1SOLPC-13



ARCADIS saw cutting asphalt around surrogate sampling box location

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T407-11.21.12 <u>Date:</u> 11/21/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – scattered clouds; PM – sunny		Temp: Min. 35°F /54°F Max. Wind: 0-15 MPH from North

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All Tanks, Coarse Solids Separation Unit, Canopy Covers

Contractor Activities and Remarks:

UPF Site – Note the Site will be shut down and no work will be performed from Thanksgiving Day (11/22) thru Sunday (11/25). Work will resume on Monday 11/26. Hometown Security is scheduled to be on site (24/7) from 1200 noon on 11/21 thru 0600 Monday morning, 11/26.

ARCADIS:

- Construction oversight.

SECI/CHES:

- Worked with a short crew (2 men) to consolidate sediment processing piping and components for shipment off site. Banded x-bracing from filter press set 1 canopy frame for shipment off site.

ABSCOPE:

- Continued Hammering and removing concrete slab #10 on sediment processing pad used for SHT-3.
- Used hydraulic hammer to size stockpiled concrete & rebar rubble into more manageable pieces to be handled by the pulverizer.
 - Began separating some rebar from concrete.

Field Personnel:

- ARCADIS - 2
- SECI - 2
- CHES - 2
- AmQuip - 0
- Abscope - 3

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- 100-ton crane
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment

Visitors: None

Project hours of operation: UPF --- 0600 to 1600

Health and Safety: None

Communications: None

Monday's (11/26) Planned Activities:

SECI/CHES:

- Begin disassembling the canopy frame work over filter press set 2
- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue with removal of sediment processing system concrete slabs.
- Mobilize pulverizer for separating rebar from demolished concrete and further processing for crusher.
- Begin removing the UPF site light poles and lighting.

ARCADIS:

- Pull asphalt on sediment processing pad and collect, package, and ship surrogate sampling box samples PRR1SOLPC-1, 2, & 8.

Technical Issues: None

Photo Log:



Canopy truss frames removed from press set 1



X-bracing from canopy truss frame banded for shipment off site.



Abscope continues removal of slab #10 on sediment processing pad



Concrete & rebar rubble piles generated from WTS slab removal

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T408-11.26.12 Date: 11/26/12 Day of Week: <u>S [M] T W T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – partly cloudy; PM – sunny		Temp: Min. 30°F /50°F Max. Wind: 5-15 MPH from SW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers, north canopy frame over press set 1 (excluding base rails)

Contractor Activities and Remarks:

UPF Site

- Dwayne Harrington of the USEPA emergency spill response division was on site inquiring about any possible release of diesel fuel or oil from the UPF site, which would have been attributed to Hurricane Sandy. Dwayne was informed that no spills or releases occurred at the site as a result of the Hurricane and flooding.

ARCADIS:

- Construction oversight.

SECI/CHES:

- Consolidate sediment processing piping and components for shipment off site.
- Disassemble canopy truss frames, palletize and band truss frame components for shipment off site.

ABSCOPE:

- Continue removing concrete slabs in sediment processing pad
 - Completed hammering concrete slab #10 used for SHT-3. Ready for removal.
 - Begin hammering on concrete slab #11 used for SHT-1
- Used hydraulic hammer to size stockpiled concrete & rebar rubble into more manageable pieces to be handled by the pulverizer. Separating some rebar from concrete.
- Pulverizer attachment delivered to the site.
 - Begin pulverizing concrete rubble & rebar from slab #10.
 - Pulverizing operation temporarily suspended because pin for stiff arm of attachment is not the correct size. Abscope is looking to locate correct pin or have one fabricated locally.
- Remove LED light heads and overhead wiring from poles.

Field Personnel:

- ARCADIS - 2
- SECI - 2
- CHES - 4
- AmQuip - 0
- Abscope - 3

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- Pulverizer attachment

Visitors: Bob Romagnoli, Philip Spadaro, Sam Magee (Intel Group); Dwayne Harrington (USEPA)

Project hours of operation: UPF --- 0630 to 1900

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue with removal of sediment processing system concrete slabs.
- Continue removing the UPF site light poles and lighting.

Technical Issues: None

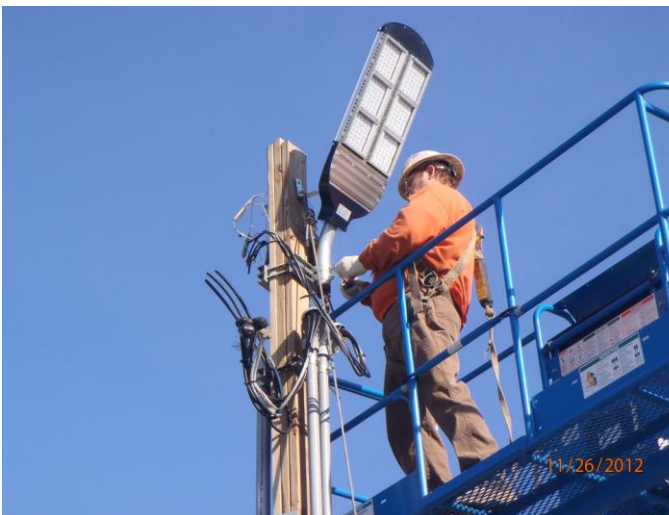
Photo Log:



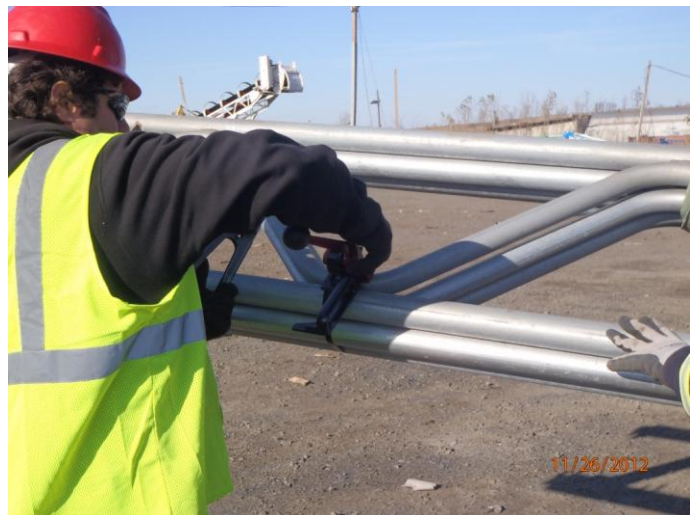
Abscope hammering slab #11 used for SHT-1



Abscope pulverizing hammered concrete from slab #10 used for SHT-3



Abscope removing LED light head from post



CHES banding truss frame component for shipment off site

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T409-11.27.12 Date: 11/27/12 Day of Week: <u>S M [T] W T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – rain; PM – snow		Temp: Min. 33°F /40°F Max. Wind: 5-15 MPH from north

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers, north canopy frame over press set 1 (excluding base rails)
- SPS equipment demobed from Site – All tanks excluding bridges, misc. piping and components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Set up 2" trash pump and hose for pumping storm water from pump station off asphalt pad.

SECI/CHES:

- Remove electrical wiring and cable tray from filter presses.
- Begin removing bolts from rails on filter press set 1.

- Disassemble X-bracing from canopy truss frames over filter press set 2.
- Palletize and band canopy truss frame components for shipment off site.
- Remove sediment processing system pumps, agitator motors, and other equipment from conex storage boxes flooded during Hurricane Sandy. Equipment was staged on the decon pad for general cleaning and disassembly of motors from equipment. Flooded electrical motors on equipment are corroded and will be shipped off site for motor repair and rebuilding.

ABSCOPE:

- Continue removing concrete slabs in sediment processing pad
 - Completed hammering concrete slab #11 used for SHT-1. Ready for removal.
 - Begin hammering on concrete slab #11 used for SHT-2
- Used hydraulic hammer to size stockpiled concrete & rebar rubble into more manageable pieces to be handled by the pulverizer. Separating some rebar from concrete.
- Pulverize concrete rubble from slabs.
 - Installed newly machined bushings for stiff arm of pulverizer attachment.
 - Continue pulverizing concrete rubble from slab #10 and separating rebar.
 - Separated rebar is placed in a metal recycling bin.
- Remove light poles from center of concrete support blocks and stage blocks for shipment to the OU-1 site.

Field Personnel:

- ARCADIS - 2
- SECI - 5
- CHES - 4
- AmQuip - 0
- Abscope - 5

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- Pulverizer attachment

Visitors: Dustin Winn (Abscope)

Project hours of operation: UPF --- 0630 to 1830

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue with removal of sediment processing system concrete slabs.

Technical Issues: None

Photo Log:



X-bracing removed from canopy frame over filter press set 2



Canopy truss frame components banded and placed on pallets for shipment off site



Sediment processing system equipment damaged during flooding from Sandy



Pulverizer used for crushing concrete rubble and separating rebar



Slab #11 (north) used for SHT-1 hammered and ready for removal



Abscope began hammering on Slab #11 (south) used for SHT-2

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T410-11.28.12 <u>Date:</u> 11/28/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Elizabeth Butler (USEPA)		
Weather: AM – mostly cloudy; PM – sunny		Temp: Min. 32°F /43°F Max. Wind: 0-20 MPH from NW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers, north canopy frame over press set 1 (excluding base rails)
- SPS equipment demobed from Site – All tanks excluding bridges, misc. piping and components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Matt Bowman, Paul Bluestein, and Jack Rodak perform Removal Action walk thru at the OU-1 site with Elizabeth Butler for final approval and sign off. Elizabeth Butler officially approved completion of Removal Action work performed at the OU-1 site.

SECI/CHES:

- Removed all outer rails from filter press set 2 and half of the outer rails from filter press set 1.
- Remove and disassemble pumps from filter press set 1.
- Complete disassembly of X-bracing from canopy truss frames over filter press set 2.
- Complete removal of all canopy arched truss frames from filter press set 2
- Disassemble truss frame members, palletize and band canopy truss frame components for shipment off site.
- Continue cleaning equipment flooded by Sandy on decon pad (gravity thickener pad) and disassemble motors from equipment. Flooded electrical motors on equipment are corroded and will be shipped off site for motor repair and rebuilding.
- Slurry box pump from separation unit disassembled, removed, and staged on decon pad for final cleaning.
- (2) Tractor trailer flatbeds loaded with SPS equipment and components, and shipped off site to CHES Bridgeport Yard.

ABSCOPE:

- Continue removing concrete slabs in sediment processing pad
 - Completed hammering reinforced concrete slab #11 (south) used for SHT-2. Ready for removal.
 - Completed hammering reinforced concrete slab #9 used for process water tank. Ready for removal.
- Used hydraulic hammer to size stockpiled concrete & rebar rubble into more manageable pieces to be handled by the pulverizer. Separating some rebar from concrete.
- Begin pulling up hammered reinforced concrete slabs with excavator for pulverizing and removal.
- Pulverize concrete rubble from reinforced concrete slabs and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
- Mobilized John Deere 160LC excavator w/thumb attachment

Field Personnel:

- ARCADIS - 3
- SECI - 5
- CHES - 11
- AmQuip - 1
- Abscope - 4

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- Pulverizer attachment
- John Deere 160LC Excavator w/thumb attachment

Visitors: Matt Bowman (ARCADIS), Paul Bluestein (Tierra)

Project hours of operation: UPF --- 0630 to 1900

Health and Safety: None

Communications: None

Thursday's Planned Activities:

ARCADIS:

- Collect, package, and ship surrogate box samples PRR1SOLPC-07 & 04 from under sediment processing system SHT-1 and process water tank concrete slabs.

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue with removal of sediment processing system reinforced concrete slabs.

Technical Issues: None

Photo Log:



Canopy truss frame removed from filter press set 2



Canopy truss framing removed from filter press set 2



Banding canopy truss sections for shipment off site



Cleaning SPS equipment flooded by Sandy



Pulverizing concrete rubble and separating out rebar



Rebar separated from concrete rubble using pulverizer

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T410-11.29.12 Date: 11/29/12 Day of Week: <u>S M T W T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – partly cloudy; PM – partly cloudy		Temp: Min. 29°F /45°F Max. Wind: 5-20 MPH from SW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers and frames over press set 1 & 2 (excluding base rails)
- SPS equipment demobed from Site – All tanks excluding bridges, misc. pumps, piping and components.

Contractor Activities and Remarks:

UPF Site

- Williams Scotsman on site to demobilize Hometown Security guard shack totaled in Sandy floodwaters.

ARCADIS:

- Construction oversight.
- Collect, package, and ship surrogate box samples PRR1SOLPC-07 & 04 from under sediment processing system concrete slabs #11 (north, SHT-1) and #9 (process water tank) respectively.
 - Notes and observations will be recorded in the Daily CQA Report.

SECI/CHES:

- Disassemble truss frame members, palletize and band canopy truss frame components for shipment off site.
- Begin removing filter press decks.
- Air compressors removed from conex boxes under filter presses
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - SPS pumps, agitators, and equipment.
 - Debris conveyor used for screening operation on the 62 barge used in the enclosure.
 - SPS conex boxes w/misc. equipment and components.
- Loaded separation unit slurry box on low boy flatbed trailer for shipment off site.

ABSCOPE:

- Pulverize concrete rubble from reinforced concrete slabs #9, 10, 11 (north & south) and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
 - (1) Metal recycle bin shipped off site and replaced with another.
- Used hydraulic hammer to resize stockpiled concrete & rebar rubble into more manageable pieces to be handled by the pulverizer. Separating some rebar from concrete
- Continue removing concrete slabs in sediment processing pad
 - Pull up hammered reinforced concrete slabs with excavator for pulverizing and removal.
 - Remove all pulverized concrete and rebar rubble from slab #9
- Inspect slab #9 sub base. No evidence of impacts or visible signs of staining observed upon inspection.
- Backfill Slab #9 (process water tank) with material stockpiled in the NW corner. Material generated from construction of UPF civil structures.
- Finish removing light poles from center of concrete support blocks. Load (10) blocks on flatbed trailer, ship to OU-1 site and unload blocks to the left of entrance gate when entering.
- Load (12) light heads on pallet and ship to OU-1 site with concrete blocks. Pallet placed in the OU-1 warehouse.

Field Personnel:

- ARCADIS - 3
- SECI - 5
- CHES - 10
- AmQuip - 1
- Abscope - 5
- Sunbelt Rentals - 1
- Williams Scotsman - 1

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment

Visitors: Matt Bowman (ARCADIS)

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Friday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue with removal of sediment processing system reinforced concrete slabs.

Technical Issues: None

Photo Log:



Setting separation unit slurry box on flat bed trailer for demob



Setting 62 barge debris conveyor on flat bed trailer for demob



SPS pumps, agitators, and equipment loaded for shipment off site



View of reinforced concrete slab removal operations



Pulverizing concrete rubble and separating rebar



View of slab #9 sub base after removal of concrete slab



UPF concrete light pole blocks off loaded at OU-1 site



UPF LED light heads placed in OU-1 warehouse



**ARCADIS personnel collects composite sample
from PRR1SOLPC-07**



**ARCADIS personnel collects composite sample from
PRR1SOLPC-04**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T411-11.29.12 <u>Date:</u> 11/29/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – partly cloudy; PM – partly cloudy		Temp: Min. 29°F /45°F Max. Wind: 5-20 MPH from SW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers and frames over press set 1 & 2 (excluding base rails)
- SPS equipment demobed from Site – All tanks excluding bridges, misc. pumps, piping and components.

Contractor Activities and Remarks:

UPF Site

- Williams Scotsman on site to demobilize Hometown Security guard shack totaled in Sandy floodwaters.

ARCADIS:

- Construction oversight.
- Collect, package, and ship surrogate box samples PRR1SOLPC-07 & 04 from under sediment processing system concrete slabs #11 (north, SHT-1) and #9 (process water tank) respectively.
 - Notes and observations will be recorded in the Daily CQA Report.
- Inspect slab #10 sub base. No evidence of impacts or visible signs of staining observed upon inspection.

SECI/CHES:

- Disassemble truss frame members, palletize and band canopy truss frame components for shipment off site.
- Begin removing filter press decks.
- Air compressors removed from conex boxes under filter presses
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - SPS pumps, agitators, and equipment.
 - Debris conveyor used for screening operation on the 62 barge used in the enclosure.
 - SPS conex boxes w/misc. equipment and components.
- Loaded separation unit slurry box on low boy flatbed trailer for shipment off site.

ABSCOPE:

- Pulverize concrete rubble from reinforced concrete slabs #9, 10, 11 (north & south) and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
 - (1) Metal recycle bin shipped off site and replaced with another.
- Used hydraulic hammer to resize stockpiled concrete & rebar rubble into more manageable pieces to be handled by the pulverizer. Separating some rebar from concrete
- Continue removing concrete slabs in sediment processing pad
 - Pull up hammered reinforced concrete slabs with excavator for pulverizing and removal.
 - Remove all pulverized concrete and rebar rubble from slab #10 used for SHT-3
- Backfill Slab #10 with material stockpiled in the NW corner. Material generated from construction of UPF civil structures.
- Finish removing light poles from center of concrete support blocks. Load (10) blocks on flatbed trailer, ship to OU-1 site and unload blocks to the left of entrance gate when entering.
- Load (12) light heads on pallet and ship to OU-1 site with concrete blocks. Pallet placed in the OU-1 warehouse.

Field Personnel:

- ARCADIS - 3
- SECI - 5
- CHES - 10
- AmQuip - 1
- Abscope - 5
- Sunbelt Rentals - 1
- Williams Scotsman - 1

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment

Visitors: Matt Bowman (ARCADIS)

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Friday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue with removal of sediment processing system reinforced concrete slabs.

Technical Issues: None

Photo Log:



Setting separation unit slurry box on flat bed trailer for demob



Setting 62 barge debris conveyor on flat bed trailer for demob



SPS pumps, agitators, and equipment loaded for shipment off site



View of reinforced concrete slab removal operations



Pulverizing concrete rubble and separating rebar



View of slab #10 sub base after removal of concrete slab



UPF concrete light pole blocks off loaded at OU-1 site



UPF LED light heads placed in OU-1 warehouse



**ARCADIS personnel collects composite sample
from PRR1SOLPC-07**



**ARCADIS personnel collects composite sample from
PRR1SOLPC-04**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T412-11.30.12 <u>Date:</u> 11/30/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – partly cloudy; PM – partly cloudy		Temp: Min. 29°F /45°F Max. Wind: 5-20 MPH from SW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers and frames over press set 1 & 2 (excluding base rails)
- SPS equipment demobed from Site – All tanks excluding bridges, misc. pumps, piping and components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Inspect slab #9 sub base. No evidence of impacts or visible signs of staining observed upon inspection.

SECI/CHES:

- Disassemble and remove truss frame base rails.
- Continue removing filter press decks, ladders and stairways..

- Finish removing outer rails from filter press set 1. Band outer rails from filter presses and place on pallets for shipment off site.
- Lowered and pushed filter press conveyor extensions back into frames.
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - Separation unit slurry box.
 - Canopy truss frame sections

ABSCOPE:

- Pulverize concrete rubble from reinforced concrete slabs 11 (north & south) and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
 - (1) Metal recycle bin shipped off site and replaced with another.
- Used hydraulic hammer to resize stockpiled concrete & rebar rubble into more manageable pieces to be handled by the pulverizer. Separating some rebar from concrete.
- Use hydraulic hammer to begin removing gravity thickener leveling ring embedded in keyway of concrete slab.
- Continue removing concrete slabs in sediment processing pad
 - Pull up hammered reinforced concrete slabs with excavator for pulverizing and removal.
 - Remove all pulverized concrete and rebar rubble from slab #9 used for process water tank.
- Backfill Slab #9 with material stockpiled in the NW corner. Material generated from construction of UPF civil structures.

Field Personnel:

- ARCADIS - 3
- SECI - 5
- CHES - 10
- AmQuip - 1
- Abscope - 5
- Sunbelt Rentals - 1
- Williams Scotsman - 1

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment

Visitors: None

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Saturday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- No work.

Technical Issues: None

Photo Log:



Sliding filter press conveyor extension back into frame



Canopy truss framing loaded for shipment off site



Reinforced concrete pad removal operation



Backfilling slab #9 used for process water tank

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T413-12.01.12 <u>Date:</u> 12/01/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractors :</u> SECI CHES Remediation Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Jeff Perron (CHES) Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – overcast		Temp: Min. 37°F /41°F Max. Wind: 10-15 MPH from North

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Removal and backfill of WTS concrete slabs
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers and frames over press set 1 & 2 (excluding base rails)
- SPS equipment demobed from Site – All tanks excluding bridges, misc. pumps, piping and components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.

SECI/CHES:

- Disassemble and remove truss frame base rails and concrete anchor blocks.
- Continue removing filter press decking.
- Band truss base rail sections and place on pallets for shipment off site.
- Complete general decon cleaning activities utilizing the gravity thickener slab for a decon pad. Pressure

wash gravity thickener pad and collect water in center cone. Water is pumped from center cone into Adler frac tank on site. ~ 2,300 gals of water has been generated from final decon operations. Water will be transported to the OU-1 site treatment plant via a vac truck for disposal. Any solids settled out in the cone are removed and placed in steel drums for T&D.

- Load HDPE pipe used for filter presses in conex storage box for shipment off site.

ABSCOPE:

- No work

Field Personnel:

- ARCADIS - 1
- SECI - 1
- CHES - 10
- AmQuip - 0
- Abscope - 0

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment
- Metal recycle bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1630

Health and Safety: None

Communications: None

Monday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site. Prep filter presses for shipment off site

ABSCOPE:

- Continue removing reinforced concrete from sediment processing area, processing rubble and separating rebar.

Technical Issues: None

Photo Log:



CHES removing filter press deck



HDPE filter press piping loaded in conex box for shipment off site



Anchor blocks from canopy base rails moved off the asphalt pad



Final pressure washing of the gravity thickener pad



DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T414-12.03.12 <u>Date:</u> 12/03/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – partly cloudy; PM – sunny		Temp: Min. 43°F /64°F Max. Wind: 5-10 MPH from SW/NW

Completed Contractor Activities:

- Dredging
- Water treatment
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- (12) WTS reinforced concrete slabs removed and backfilled
- SPS reinforced concrete slab removal: Slab #10 (SHT-3) – removed and backfilled
Slab #9 (water process tank) – removed and backfilled
- Disassembly of SPS (Sediment Processing System) – All tanks, coarse solids separation unit, canopy covers and frames over press set 1 & 2 (excluding base rails)
- SPS equipment demobed from Site – All tanks excluding bridges, misc. pumps, piping and components.
- SPS reinforced concrete slabs: Slab #10 (SHT-3) – removed and backfilled
Slab #9 (water process tank) – removed and backfilled

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Inspect slab #11 (north) sub base. No evidence of impacts or visible signs of staining observed upon inspection.

SECI/CHES:

- Band truss base rail sections and place on pallets for shipment off site.
- Filter press disassembly and prep for shipment as follow:
 - Remove remaining filter press deck panel sections
 - Disassemble and remove main stair cases for both filter press sets.
 - Finish removing outer rails from filter presses Band outer rails and place on pallets for shipment off site.
 - Disconnected and removed pumps and piping associated with the filter presses.
- Band staircase rails for sludge holding tanks (SHT) and place on pallets for shipment off site.
- Unbolted gravity thickener tank leveling ring sections after Abscope freed leveling ring from concrete key way.
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - (2) Bridge sections for sludge holding tanks.
 - Canopy truss frame sections and X-bracing

ABSCOPE:

- Pulverize concrete rubble from reinforced concrete slabs 11 (north & south) and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
 - (3) Metal recycle bins shipped off site. To date (5) Metal recycle bins shipped off site.
- Remove gravity thickener tank leveling ring embedded in keyway of concrete slab with hydraulic hammer.
- Begin breaking up gravity thickener pad with hydraulic hammer.
- Remove broken up, pulverized concrete rubble from slab #11 (north) used for SHT-1 and prep for backfill.

Field Personnel:

- ARCADIS - 1
- SECI - 2
- CHES - 11
- AmQuip - 1
- Abscope - 4

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- Sunbelt air compressor

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site. Prep filter presses for shipment off site.

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



Sludge holding tank bridge decks loaded and shipped off site



Disassembly of filter press set 1



Abscope begins removal of gravity thickener



CHES removing gravity thickener leveling ring from broken up keyway



Slab #11 (north) used for SHT-1 removed



Metal recycle bin changed out

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T415-12.04.12 <u>Date:</u> 12/04/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – overcast; PM – mostly cloudy		Temp: Min. 45°F /62°F Max. Wind: 0-5 MPH from NE

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
- SPS equipment disassembly – All tanks, coarse solids separation unit, filter press canopy covers and frames, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls
- SPS equipment demobed from Site – All tanks and some bridges, coarse solids separation unit, misc. pumps, piping and ancillary components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- Inspect slab #11 (south) sub base. No evidence of impacts or visible signs of staining observed upon inspection

SECI/CHES:

- Filter press disassembly and prep for shipment as follow:
 - Disassemble and remove brackets and bracing.
 - Disconnected and remove piping and ancillary components.
 - Disconnected and removed electronics, PLC components, sensors, and instrumentation and controls.
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - Outer rails and stairs from filter presses.
 - Pipe bents, bracing, supports and wash hose.
 - (1) Bridge section for sludge holding tank and rails
- Mobilized and set up 250-ton crane for disassembling filter presses and loading for shipment off site.

ABSCOPE:

- Pulverize concrete rubble from reinforced concrete slabs and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
- Continue breaking up gravity thickener pad with hydraulic hammer.
- Remove broken up, pulverized concrete rubble from slab #11 (south) used for SHT-2
- Backfill Slab #11 (north) used for SHT-1 with material stockpiled in the NW corner. Material generated from construction of UPF civil structures.

Field Personnel:

- ARCADIS - 2
- SECI - 5
- CHES - 12
- AmQuip - 7
- Abscope - 4

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- Sunbelt air compressor
- AmQuip 250-ton crane

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment

- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.
- Begin loading filter presses off site

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



Piping removed from filter press



Sludge holding tank bridge loaded and shipped off site



250-ton crane mobilized for lifting filter presses and loading on trailers



Abscope removing gravity thickener concrete slab



Slab #11 (north) used for SHT-1 backfilled



Slab #11 (south) removed and sub base inspected

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T416-12.05.12 Date: 12/05/12 Day of Week: <u>S M T [W] T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – mostly cloudy		Temp: Min. 45°F /62°F Max. Wind: 0-5 MPH from NE

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembled & demobed from Site – All tanks and some bridges, coarse solids separation unit, filter press canopy covers and frames, filter press set 1, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls, stairs, rails decking, and SPS ancillary components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight.
- PSE&G personnel removed meter from power panel for site electric.

SECI/CHES:

- Place on pallets and band cable tray, pumps, piping, hose, and misc SPS components for shipment off site.
- Filter press set 1 disassembled from frames. (2) Filter presses and (2) frames loaded and shipped off site to location under Goethals Bridge.
- Remove filter press set 1 filtrate tank from concrete slab and place on asphalt.
- Place any residual filter cake solids discovered during filter press removal in trash bags and steel drums.
- Complete prepping filter press set 2 for demob
 - Disassemble and remove brackets and bracing.
 - Disconnect and remove piping and ancillary components.
 - Disconnect and remove electronics, PLC components, sensors, instrumentation and controls.
- Spool SPS electrical cable for shipment off site.
- Reposition and set up 250-ton crane for disassembling filter press set 2 and load for shipment off site.

ABSCOPE:

- Pulverize stockpiled concrete rubble from reinforced concrete slabs and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
- Continue breaking up gravity thickener pad with hydraulic hammer.
- Backfill Slab #11 (south) used for SHT-2 with material stockpiled in the NW corner. Material generated from construction of UPF civil structures.

Field Personnel:

- ARCADIS - 2
- SECI - 5
- CHES - 11
- AmQuip - 2
- Abscope - 4
- Shelby Mechanical - 4
- Demase - 4
- PSE&G - 1

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- Sunbelt air compressor
- AmQuip 250-ton crane

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment

- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Thursday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.
- Complete loading filter presses off site

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



Preparing to pick filter press from press set 1



Picking second filter press from press set 1



Swinging filter press into position for loading



Filter press loaded for shipment



Abscope working on removing gravity thickener slab



Pulverized rubble from gravity thickener slab



Slab #11 south used for SHT-2 backfilled



Electrical meter for Site service removed from panel

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T417-12.06.12 <u>Date:</u> 12/06/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – scattered clouds; PM – mostly cloudy		Temp: Min. 30°F /42°F Max. Wind: 0-15 MPH from NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembled & demobed from Site – All tanks and some bridges, coarse solids separation unit, filter press canopy covers and frames, filter press set 1, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls, stairs, rails decking, and SPS ancillary components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight

SECI/CHES:

- Place on pallets and band filter cake trays, cable tray, pumps, piping, hose, and misc SPS components for shipment off site.
- Filter press set 2 disassembled from frames. (2) Filter presses and (2) frames loaded and shipped off site to location under Goethals Bridge.
- Remove filter press set 2 filtrate tank from concrete slab and place on asphalt.
- Place any residual filter cake solids discovered during filter press removal in trash bags and steel drums.
- Remove filter press sludge feed pumps from conex boxes and disassemble for shipment off site
- Remove base conveyors from asphalt.
- Spool SPS electrical cable for shipment off site.
- Break down 250-ton crane and demob from Site.

ABSCOPE:

- Pulverize stockpiled concrete rubble from reinforced concrete slabs and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
- Continue breaking up gravity thickener pad with hydraulic hammer.

Field Personnel:

- ARCADIS - 1
- SECI - 5
- CHES - 12
- AmQuip - 2
- Abscope - 4
- Shelby Mechanical - 4
- Demase - 4

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- Sunbelt air compressor
- AmQuip 250-ton crane

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Friday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



Swinging filter press into position for loading



Filter press loaded for shipment



Frame of filter press lifted off concrete pad



Filter presses removed from concrete slabs



Abscope working on removing gravity thickener slab



Pulverized rubble from gravity thickener slab

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T418-12.07.12 <u>Date:</u> 12/07/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – light rain		Temp: Min. 31°F /44°F Max. Wind: 0-5 MPH variable

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembled & demobed from Site – All tanks and some bridges, coarse solids separation unit, filter press canopy covers and frames, filter press set 1, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls, stairs, rails decking, and SPS ancillary components.

Contractor Activities and Remarks:**UPF Site*****ARCADIS:***

- Construction oversight

SECI/CHES:

- Place on pallets and strap pumps, valves, agitator motors, and misc SPS components for shipment off site.
- Load cable tray and spools of electrical wire in conex box for shipment off site
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - SPS pumps, Larox valves, agitator motors, and ancillary components
 - (1) Truck loaded and shipped off site
- Demobilized boom lifts used for disassembling SPS

ABSCOPE:

- Pulverize stockpiled concrete rubble from reinforced concrete slabs and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
- Continue breaking up gravity thickener pad with hydraulic hammer.

Field Personnel:

- ARCADIS - 1
- SECI - 4
- CHES - 11
- Abscope - 4

Equipment:***ARCADIS:***

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- GTH844 Lull Telehandler
- Sunbelt air compressor

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment
- Metal recycling bin

Visitors: None**Project hours of operation: UPF --- 0630 to 1630****Health and Safety: None**

Communications: None

Monday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



Securing agitator motors to pallet with ratchet straps



Pumps, agitators, and valves loaded for shipment off site



Removal of gravity thickener pad



Rebar separated from pulverized concrete

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T419-12.10.12 Date: 12/10/12 Day of Week: <u>S [M] T W T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – overcast/drizzle; PM – overcast/drizzle		Temp: Min. 44°F /58°F Max. Wind: 0-10 MPH SW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembled & demobed from Site – All tanks and some bridges, coarse solids separation unit, filter press canopy covers and frames, filter presses, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls, stairs, rails decking, and SPS ancillary components.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight
- Collect sample from surrogate sample box PRR1SOLPC-08.

SECI/CHES:

- Remove sump pumps from catch basin weir sumps.
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - (1) Truck loaded with SPS pipe and shipped off site
- Removed dry residual solids from filter press filtrate tanks. Solids generated were placed in steel drums for T&D.
- Decon filter press filtrate tanks with a pressure washer. Decon water generated was removed from filtrate tanks with vac truck. Decon water will be held in vac truck and transported to the OU-1 site where it will be treated by the onsite water treatment plant.

ABSCOPE:

- Pulverize stockpiled concrete rubble from reinforced concrete slabs and separate rebar.
 - Separated rebar is placed in a metal recycling bin.
- Continue breaking up gravity thickener and filter press pads with hydraulic hammer.

Field Personnel:

- ARCADIS - 2
- SECI - 9
- CHES - 3
- Abscope - 3

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- GTH844 Lull Telehandler
- Sunbelt air compressor
- Cusco (vac) truck

ABSCOPE:

- Komatsu PC300LC Excavator, pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- Genie 560X boom lift
- John Deere 160LC Excavator w/thumb attachment
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1700

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log: No photos are available for report. Project photos taken today were deleted and were not able to be recovered due to a glitch with the camera card.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T420-12.11.12 <u>Date:</u> 12/11/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractors :</u> SECI CHES Remediation ABSCOPE Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – mostly cloudy; PM – mostly cloudy		Temp: Min. 41°F /57°F Max. Wind: 5-15 MPH NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembled & demobed from Site – All tanks and bridges, coarse solids separation unit, filter press canopy covers and frames, filter presses, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls, stairs, rails decking, and SPS ancillary components, main control building, misc conex storage & equipment boxes, main filter cake conveyors.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight
- Collect sample from surrogate sample box PRR1SOLPC-01.

SECI/CHES:

- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - SPS pipe loaded and shipped off site
 - Decking for the filter presses
 - Conex storage/equipment/control room boxes
 - Filter cake main conveyors
 - (8) trucks loaded and shipped off-site
- Complete decon of filter press filtrate tanks with a pressure washer. Decon water generated was removed from filtrate tanks with vac truck. ~ 800 gallons of decon water was generated.
- Remove ~ 2,200 gallons of decon water from Adler frac tanks with vac truck. Water was generated from decon activities associated with disassembling the SPS. Alder tank was cleaned and rinsed; water was also recovered with vac truck.
- ~ 3,000 gallons of decon water was transported to the OU-1 site via the vac truck where it will be treated by the onsite water treatment plant.

ABSCOPE:

- Use pulverizer to pre-process stockpiled concrete rubble from reinforced concrete slabs for crusher.
- Use pulverizer to separate rebar from concrete rubble.
- Separated rebar is placed in a metal recycling bin.
- Continue breaking up gravity thickener and filter press pads with hydraulic hammer.

Field Personnel:

- ARCADIS - 2
- SECI - 3
- CHES - 9
- Abscope - 3
- AmQuip - 1

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- GTH844 Lull Telehandler
- Sunbelt air compressor
- Cusco (vac) truck
- AmQuip 100-ton crane

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1700

Health and Safety: None

Communications: None

Wednesday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



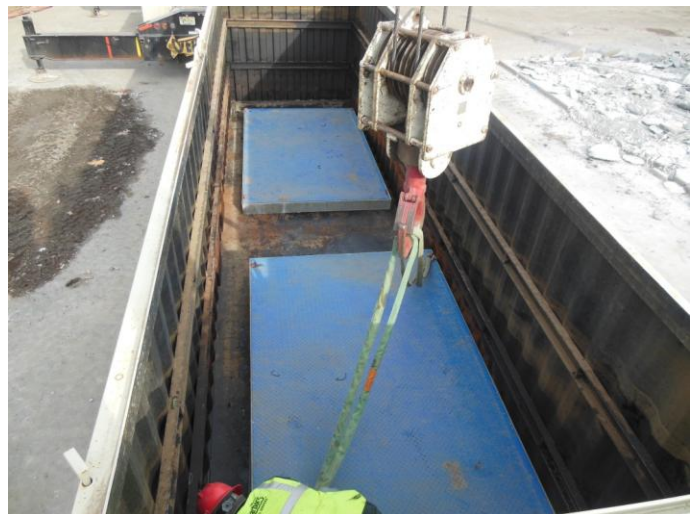
Main SPS control room conex boxes loaded for shipment off site



Main conveyor section shipped off site



Deconned Adler frac tank used for storing decon water generated from SPS disassembly



Filter press deck sections placed inside deconned filtrate tank for shipment off site



Hoe ram used for concrete pad removal



Pulverizing concrete rubble



Surrogate sampling box PRR1SOLPC-01 exposed



Surrogate sampling activities

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T421-12.12.12 Date: 12/12/12 Day of Week: <u>S M T [W] T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – mostly cloudy; PM – mostly cloudy		Temp: Min. 35°F /45°F Max. Wind: 0-12 MPH NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembled & demobed from Site – All tanks and bridges, coarse solids separation unit, filter press canopy covers and frames, filter presses, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls, stairs, rails decking, and SPS ancillary components, main control building, misc conex storage & equipment boxes, main filter cake conveyors, coarse solids radial conveyor, filter press filtrate tanks.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight
- Collect sample from surrogate sample box PRR1SOLPC-02.

B&B Disposal:

- Removed skirting from (2) ARCADIS 12'x60' construction trailers and (1) SECI 12'x60' construction trailer that were damaged and totaled by Hurricane Sandy storm surge. Trailers were rented from Williams Scotsman.
- Removed SECI 12'x60' flood damaged construction trailer from the site.

SECI/CHES:

- Band and place on pallets conveyor parts for shipment off site.
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - Decking for the filter presses (placed in filtrate tanks)
 - Filter press filtrate tanks
 - Conex parts storage/equipment boxes
 - SECI workshop trailer
 - Coarse solids radial stacker conveyor
 - (6) trucks loaded and shipped off-site

ABSCOPE:

- Use pulverizer to pre-process stockpiled concrete rubble from reinforced concrete slabs for crusher.
- Use pulverizer to separate rebar from concrete rubble.
- Separated rebar is placed in a metal recycling bin.
- Continue breaking up filter press pads with hydraulic hammer.

Field Personnel:

- ARCADIS - 2
- SECI - 3
- CHES - 5
- Abscope - 4
- AmQuip - 1
- B&B Disposal - 4

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler
- GTH844 Lull Telehandler
- Sunbelt air compressor
- AmQuip 100-ton crane

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1700

Health and Safety: None

Communications: None

Thursday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



Rebar separated from concrete rubble



Breaking up filter press pad with hoe ram



Concrete rubble removed from pad area



SECI flood damaged trailer removed from the site



**Asphalt removed to expose surrogate sampling box
PRR1SOLPC-02**



Surrogate sampling box PRR1SOLPC-02 exposed



**Composite material from PRR1SOLPC-02 for
sampling**



PRR1SOLPC-02 composite samples collected

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T422-12.13.12 Date: 12/13/12 Day of Week: <u>S M T W T F S</u>
Contractors : SECI CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Bart Hiemstra (SECI); Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – sunny; PM – partly cloudy		Temp: Min. 31°F /47°F Max. Wind: 5-10 MPH from the NE

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembled & demobed from Site – All tanks and bridges, coarse solids separation unit, filter press canopy covers and frames, filter presses, misc. pumps, piping, valves, electronics, PLC & MCC components, Instrumentation & controls, stairs, rails decking, and SPS ancillary components, main control building, misc conex storage & equipment boxes, main filter cake conveyors, radial stacker conveyors, filter press filtrate tanks.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight
- Removed flood damaged project files and manifests from ARCADIS construction trailer and transferred to the OU-1 site for temporary storage.
- Packaged & shipped via Fed Ex first overnight samples PRR1SOLPC-01, 02, & 08 to Vista.
- Marked out & saw cut (3) 5'x5' boxes in asphalt around assessable surrogate sample box locations PRR1SOLPC 05, 10, & 11 on the sediment processing pad. Asphalt layer was cut to a depth of 4 ½" leaving ~ a ½" of the asphalt base layer uncut. This allowed for the precutting of asphalt for sample collection and eliminates the possibility for the surrogate sampling boxes to be compromised by any storm water.

B&B Disposal:

- Removed ARCADIS agency 12'x60' flood damaged construction trailer from the site.

SECI/CHES:

- Band and place on pallets conveyor parts for shipment off site.
- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - Decking for the filter presses (placed in filtrate tanks)
 - Filter press filtrate tanks
 - Conex parts storage/equipment boxes
 - Coarse solids & filter cake radial stacker conveyors
 - Electrical distribution panels, pump, misc components
 - (6) trucks loaded and shipped off-site

ABSCOPE:

- Use pulverizer to pre-process stockpiled concrete rubble from reinforced concrete slabs for crusher.
- Use pulverizer to separate rebar from concrete rubble.
- Separated rebar is placed in a metal recycling bin.
- Continue breaking up filter press pads with hydraulic hammer.
- Loaded remaining concrete support light post blocks and shipped to OU-1 site. Concrete blocks were staged to west of the entrance gate as entering.

Field Personnel:

- ARCADIS - 3
- SECI - 3
- CHES - 5
- Abscope - 5
- AmQuip - 1
- B&B Disposal - 4

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- JLG E400A 45' Boom Lift
- Genie Z60/34 40' Boom Lift
- (1) Roll-off container
- Adler tank
- Ingersoll Rand Air Compressor w/jack hammers
- JCB 509-42 Telehandler

- GTH844 Lull Telehandler
- Sunbelt air compressor
- AmQuip 100-ton crane

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Metal recycling bin

Visitors: Joe Molina (ARCADIS); Jerry Romagnoli (Abscope)

Project hours of operation: UPF --- 0630 to 1700

Health and Safety: None

Communications: None

Friday's Planned Activities:

SECI/CHES:

- Continue consolidating & loading sediment processing system equipment and components for shipment off site.

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar and backfilling.

Technical Issues: None

Photo Log:



SPS conex boxes loaded for shipment off site



Coarse solids radial stacker conveyor loaded for shipment off site



Filter cake radial stacker conveyor loaded for shipment off site



Abscope removing reinforced concrete slabs



Sizing existing rubble stockpiles from UPF civil construction work for crushing



Abscope pulverizing concrete rubble



Loading concrete light post block for shipment to the OU-1 site



Removing Agency flood damaged trailer from the job site.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T423-12.14.12 Date: 12/14/12 Day of Week: <u>S M T W T [F] S</u>
Contractors : CHES Remediation ABSCOPE Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: Jeff Perron (CHES) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – partly cloudy		Temp: Min. 28°F /51°F Max. Wind: 5-15 MPH from the SW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
- SPS equipment disassembly & demob from the Site, excluding:
 - (1) metal recycling bin from Dublin
 - Williams Scotsman job site trailer
 - 3 or 4 generators, and Lull from Sunbelt
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Construction oversight
- Collected surrogate samples PRR1SOLPC-05, 06, 10, & 11
- Inspect slab #12 (north & south) sub base. No evidence of impacts or visible signs of staining observed upon inspection

SECI/CHES:

- Loaded the following SPS equipment and components on flatbed tractor trailers, and shipped off site to CHES Bridgeport Yard.
 - SPS piping, bracket, supports, and ancillary components
 - SPS pumps
 - Conex storage/equipment box
 - (2) Final trucks loaded and shipped off-site.
- Demob Adler tank used to contain decon water generated from the disassembly of the SPS.
- SPS demob completed excluding
 - (1) metal recycling bin from Dublin
 - Williams Scotsman job site trailer
 - 3 or 4 generators, and Lull from Sunbelt
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations. Jeff Perron of CHES said he would have local CHES field crew from Edison lab pack chemicals and remove them from the site.
- SECI and CHES demobilized from the site.

ABSCOPE:

- Use pulverizer to pre-process stockpiled concrete rubble from reinforced concrete slabs for crusher.
- Use pulverizer to separate rebar from concrete rubble.
- Separated rebar is placed in a metal recycling bin.
- Continue breaking up filter press pads with hydraulic hammer.
- Load and demob from the site the remaining crane mats, pump station power panel, and transformer.
- B&B Disposal will mobilize crusher to the site on Saturday 12/22.

Field Personnel:

- ARCADIS - 2
- CHES - 5
- Abscope - 4

Equipment:

ARCADIS:

- Case 580 Backhoe
- 18" CoreCut walk behind saw

SECI/CHES:

- (1) Roll-off container
- JCB 509-42 Telehandler

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Metal recycling bin

Visitors: None

Project hours of operation: UPF --- 0630 to 1900

Health and Safety: None

Communications: None

Monday's Planned Activities:

ABSCOPE:

- Continue removing reinforced concrete slabs, processing rubble, separating rebar, backfilling, and begin crushing concrete.

Technical Issues: None

Photo Log:



Final truck of SPS piping and supports shipped off site



Final truck of misc SPS components loaded for shipment off site



Adler tank used for SPS disassembly decon operations demobed from the site



Removal of filter press reinforced concrete slab and inspection of sub base



Abscope demobing crane mats, electrical panel, and transformer



Surrogate sampling box PRR1SOLPC-11 exposed for sampling



Composite sample collected for surrogate sampling box PRR1SOLPC-05



ARACDIS straight cuts asphalt edges of surrogate sampling box location after sample collection

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T424-12.17.12 Date: 12/17/12 Day of Week: <u>S [M] T W T F S</u>
Contractors : ABSCOPE B&B Disposal Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – light rain; PM – overcast		Temp: Min. 40°F /45°F Max. Wind: 5-15 MPH from North

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection from WTS pad
- Reinforced concrete slab removal
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed and backfilled
 - Slab #9 (water process tank) – removed and backfilled
 - Slab #11 (north, SHT-1) – removed and backfilled
 - Slab #11 (south, SHT-2) – removed and backfilled
 - Slab #12 (north, filter press) – removed
 - Slab #12 (south, filter press) – removed, partial backfill
 - Slab #8 (gravity thickener) – removed, partial backfill
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Construction oversight
- Inspect slab #8 (gravity thickener) sub base. No evidence of impacts or visible signs of staining observed upon inspection.
- Perform general site cleanup, and assist with backfilling and demob activities.

ABSCOPE:

- Begin crushing pulverized concrete rubble from concrete slabs.
 - Morris rep (Tom Gallagher) on site to approve processed crushed concrete material. Concrete is crushed to ~2" minus. Morris rep approves the processed crushed concrete material.
- Crushed concrete is stockpiled in the northwest corner of the site, behind the pallet company.
- Complete breaking up gravity thickener pad with hydraulic hammer and removing with excavator.
- Continue removing filter press pad (south)
- Continue backfilling pads and compacting placed material (gravity thickener and filter press pads) Pad areas are backfilled in ~1 foot lifts and compacted with excavators.
 - Note Tom Gallagher requested additional compaction of material placed in the pad areas by using a vibratory roller.
- Separated rebar is placed in a metal recycling bin.
- Remove temporary construction fence along the southern property line adjacent to the pallet company.

SECI/CHES:

- Demob metal recycling bin from Dublin
- Demob Williams Scotsman job site trailer
- Demob 3 or 4 generators, and Lull from Sunbelt

Field Personnel:

- ARCADIS - 2
- Abscope - 4
- B&B Disposal – 2

Equipment:**ARCADIS:**

- Case 580 Backhoe
- 18" CoreCut walk behind saw
- (2) 30 yd roll off containers

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Crusher
- Metal recycling bin

Visitors: Tom Gallagher and other representative (Morris)

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Tuesday's Planned Activities:

ABSCOPE: Continue crushing concrete, backfilling concrete slab areas, compacting, and demob.

Technical Issues: None

Photo Log:



Removing gravity thickener pad



Concrete crushing operation



Concrete crushing operation



**Crushed concrete stockpiled behind pallet company
in the northwest corner of the site**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T425-12.18.12 Date: 12/18/12 Day of Week: <u>S M [T] W T F S</u>
Contractors : ABSCOPE B&B Disposal Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – light rain; PM – overcast		Temp: Min. 44°F /56°F Max. Wind: 0-15 MPH from the NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- Cutting in 50' sections and staging HDPE dual contained hydraulic pipeline and single wall enclosure pipeline for shipment off site.
- Surrogate sample box collection
- Reinforced concrete slab removal and backfill
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed, backfilled, compacted
 - Slab #9 (water process tank) – removed, backfilled, compacted
 - Slab #11 (north, SHT-1) – removed, backfilled, compacted
 - Slab #11 (south, SHT-2) – removed, backfilled, compacted
 - Slab #12 (north, filter press) – removed
 - Slab #12 (south, filter press) – removed, partial backfill
 - Slab #8 (gravity thickener) – removed, partial backfill
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Construction oversight
- Saw cut asphalt for the collection of sample box PRR1SOLPC-09.
- Collected surrogate samples PRR1SOLPC-03 (filter press pad) & 09 (pump station area). Surrogate sample collection is complete. Samples will be stored in OU-1 refrigerator for shipment tomorrow 12/19.
- Load 12 concrete blocks from operations on Weeks tractor trailer flatbed and shipped off site.
- Perform general site cleanup, and assist with backfilling and demob activities.

ABSCOPE:

- Continue crushing pulverized concrete rubble from concrete slabs.
 - Concrete crushed to ~2" minus as directed and approved by Morris rep.
- Crushed concrete is stockpiled along northern property boundary adjacent to trucking company property.
- Complete breaking up filter press pad (south) with hydraulic hammer and removing with excavator.
- Complete the removal of concrete pads.
- Continue backfilling pads and compacting placed material
 - Pad areas are backfilled in ~1 foot lifts and compacted with excavators and vibratory roller
- Performed general cleaning of storm water system piping with jet rod.
 - Minimal material cleaned from pipes. Basically small debris and fines generated from slab demolition.
- Begin consolidating SW soil stockpile liner used for non-impacted soils generated from cuts and excavation during the UPF civil construction

Field Personnel:

- ARCADIS - 2
- Abscope - 4
- B&B Disposal – 3

Equipment:**ARCADIS:**

- Case 580 Backhoe
- 18" CoreCut walk behind saw
- (2) 30 yd roll off containers

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Crusher
- 1 ½ ton smooth drum vibratory roller
- Metal recycling bin

Visitors: None**Project hours of operation:** UPF --- 0630 to 1730**Health and Safety:** None**Communications:** None**Wednesday's Planned Activities:****ABSCOPE:**

- Continue crushing concrete, backfilling concrete slab areas, compacting, and demob.

Technical Issues: None

Photo Log:



Crushing operation



Crushed concrete material stockpiled



Roller delivered for compacting pad areas



Concrete blocks loaded on Weeks trailer for shipment off site



Cleaning UPF storm water sewer



Cleaning UPF storm water sewer with jet rod



**Saw cut asphalt for collecting surrogate sample
PRR1SOLPC-09**



**Composite sample collected from PRR1SOLPC-09
surrogate sample box**



Surrogate samples collected for PRR1SOLPC-09



Composite sample collected from PRR1SOLPC-03 surrogate sample box



Surrogate samples collected for PRR1SOLPC-03



Surrogate sampling activities

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T426-12.19.12 Date: 12/19/12 Day of Week: <u>S M T [W] T F S</u>
Contractors : ABScope B&B Disposal Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – sunny		Temp: Min. 39°F /49°F Max. Wind: 10-30 MPH from WNW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal and backfill
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed, backfilled, compacted
 - Slab #9 (water process tank) – removed, backfilled, compacted
 - Slab #11 (north, SHT-1) – removed, backfilled, compacted
 - Slab #11 (south, SHT-2) – removed, backfilled, compacted
 - Slab #12 (north, filter press) – removed, partial backfill
 - Slab #12 (south, filter press) – removed, partial backfill
 - Slab #8 (gravity thickener) – removed, partial backfill
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Construction oversight
- Packaged and shipped to Vista surrogate samples collected from PRR1SOLPC-03, 05, 06, 09, 10, & 11.
- Demobed Hertz walk behind asphalt saw and Hertz distribution panel used for construction trailers.
- Perform general site cleanup, and assist with backfilling and demob activities.

ABSCOPE:

- Continue crushing pulverized concrete rubble from concrete slabs.
 - Concrete crushed to ~2" minus as directed and approved by Morris rep.
- Crushed concrete is stockpiled along northern property boundary adjacent to trucking company property.
- Continue backfilling pads and compacting placed material
 - Pad areas are backfilled in ~1 foot lifts and compacted with excavators and vibratory roller
- Complete general cleaning of storm water system piping with jet rod.
 - Minimal material cleaned from pipes. Basically small debris and fines generated from slab demolition.
- Load 50' lengths of dual contained and single wall HDPE pipe from operations on Abscope tractor trailer flatbed and shipped off site.
- Continue consolidating SW soil stockpile liner used for non-impacted soils generated from cuts and excavation during the UPF civil construction.

Field Personnel:

- ARCADIS - 2
- Abscope - 6
- B&B Disposal - 2

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Crusher
- 1 ½ ton smooth drum vibratory roller
- Metal recycling bin

Visitors: Dustin Winn (Abscope)

Project hours of operation: UPF --- 0630 to 2030

Health and Safety: None

Communications: None

Thursday's Planned Activities:**ABSCOPE:**

- Continue crushing concrete, backfilling concrete slab areas, compacting and demob.

Technical Issues: None

Photo Log:



**Dual contained HDPE pipe loaded for shipment
off site**



Asphalt saw used for surrogate sampling demobed



Crushing operations continue into the night



Crushing operations continue into the night

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T427-12.20.12 Date: 12/20/12 Day of Week: <u>S M T W T F S</u>
Contractors : ABScope B&B Disposal Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM – sunny; PM – mostly cloudy		Temp: Min. 32°F /48°F Max. Wind: 0-10 MPH from the NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal and backfill
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed, backfilled, compacted
 - Slab #9 (water process tank) – removed, backfilled, compacted
 - Slab #11 (north, SHT-1) – removed, backfilled, compacted
 - Slab #11 (south, SHT-2) – removed, backfilled, compacted
 - Slab #12 (north, filter press) – removed, partial backfill
 - Slab #12 (south, filter press) – removed, partial backfill
 - Slab #8 (gravity thickener) – removed, partial backfill
- Completed crushing pulverized concrete rubble from concrete slabs.
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Construction oversight
- Perform general site cleanup, and assist with backfilling and demob activities.

ABSCOPE:

- Complete crushing pulverized concrete rubble from concrete slabs.
 - Concrete crushed to ~2" minus as directed and approved by Morris rep.
- Crushed concrete is stockpiled along northern property boundary adjacent to trucking company property.
- Begin crushing mixed asphalt and concrete rubble stockpile along northern property boundary adjacent to the trucking company. Asphalt and concrete are from existing structures and were excavated during the UPF civil construction.
 - Asphalt/Concrete crushed to ~2" minus as directed and approved by Morris rep.
- Crushed asphalt/concrete mix is stockpiled separately from crushed concrete to the east along northern property boundary adjacent to trucking company property.
- Continue backfilling pads and compacting placed material
 - Pad areas are backfilled in ~1 foot lifts and compacted with excavators and vibratory roller
- Complete consolidating SW soil stockpile liner used for non-impacted soils generated from cuts and excavation during the UPF civil construction.
- Complete grading off area where SW soil stockpile was placed.

Field Personnel:

- ARCADIS - 2
- Abscope - 4
- B&B Disposal - 2

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Crusher
- 1 ½ ton smooth drum vibratory roller

Visitors: None**Project hours of operation: UPF --- 0630 to 1800****Health and Safety: None****Communications: None****Friday's Planned Activities:****ABSCOPE:**

- Complete crushing, backfilling concrete slab areas, compacting and demob.

Technical Issues: None

Photo Log:



Loading concrete rubble into crusher hopper



Stockpiling crushed concrete



Sizing concrete/asphalt mixed material for processing through the crusher



Loading asphalt/concrete mixed material in crusher hopper

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T428-12.21.12 Date: 12/21/12 Day of Week: <u>S M T W T [F] S</u>
Contractors : ABScope B&B Disposal Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – heavy rain/strong winds; PM – rain/wind		Temp: Min. 36°F /57°F Max. Wind: 10-50 MPH from SE/SW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal and backfill
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed, backfilled, compacted
 - Slab #9 (water process tank) – removed, backfilled, compacted
 - Slab #11 (north, SHT-1) – removed, backfilled, compacted
 - Slab #11 (south, SHT-2) – removed, backfilled, compacted
 - Slab #12 (north, filter press) – removed, partial backfill
 - Slab #12 (south, filter press) – removed, partial backfill
 - Slab #8 (gravity thickener) – removed, partial backfill
- Completed crushing pulverized concrete rubble from concrete slabs.
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Pump water from the UPF asphalt pad using a 2" trash pump for ~ 6 hours.

ABSCOPE:

- B&B delivered to roll off containers for loading and disposing of the SW soil stockpile liner used for non-impacted soils generated from cuts and excavation during the UPF civil construction.
- Work suspended at 0800 due to severe inclement weather (Nor'easter conditions). Abscope left site and will be back on site 01/02/2013 to complete demob activities.

Field Personnel:

- ARCADIS - 2
- Abscope - 4
- B&B Disposal - 1

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- John Deere 160LC Excavator w/thumb attachment
- Triaxle dump truck
- Crusher
- 1 ½ ton smooth drum vibratory roller
- (2) roll off containers

Visitors: None**Project hours of operation:** UPF --- 0630 to 1600**Health and Safety:** At ~0800 a stop work authority was implemented due to heavy rains and strong winds.**Communications:** None**Wednesday's Planned Activities (12/26):****ARCADIS:**

- Will complete crushing operations onsite with B&B Disposal.

Technical Issues: None

Photo Log:



View looking south of sediment processing area after storm



View looking SW of water treatment area after storm



2" trash pump setup for pumping off asphalt pad



View looking SE of site conditions after storm



Asphalt pad area around pump station after ~4 hrs of pumping down the asphalt pad



View looking southeast of UPF site



Disposal containers staged beside consolidated soil stockpile liner for loading out



View looking north of cleaned area where NW soil stockpile was

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T429-12.26.12 Date: 12/26/12 Day of Week: <u>S M T [W] T F S</u>
Contractors : B&B Disposal Hometown Security (UPF)	ARCADIS Personnel : Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – snow		Temp: Min. 27°F /41°F Max. Wind: 5-25 MPH from the NE

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal and backfill
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed, backfilled, compacted
 - Slab #9 (water process tank) – removed, backfilled, compacted
 - Slab #11 (north, SHT-1) – removed, backfilled, compacted
 - Slab #11 (south, SHT-2) – removed, backfilled, compacted
 - Slab #12 (north, filter press) – removed, partial backfill
 - Slab #12 (south, filter press) – removed, partial backfill
 - Slab #8 (gravity thickener) – removed, partial backfill
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Construction oversight
- Perform general site cleanup.
- Complete crushing mixed asphalt and concrete rubble stockpile along northern property boundary adjacent to the trucking company. Asphalt and concrete are from obstructions excavated during the UPF civil construction.
 - Asphalt/Concrete crushed to ~2" minus as directed and approved by Morris rep.
 - A total of ~400 yds crushed
- Crushed asphalt/concrete mix is stockpiled separately from crushed concrete to the east along northern property boundary adjacent to trucking company property.
- B&B Disposal demobed the crusher from the site.

Field Personnel:

- ARCADIS - 2
- B&B Disposal - 1

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers from Russell Reid
- (2) 30 yd roll off containers from B&B Disposal

ABSCOPE:

- Komatsu PC300LC Excavator w/pulverizer attachment
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- 1 ½ ton smooth drum vibratory roller

Visitors: None**Project hours of operation:** UPF --- 0630 to 1700**Health and Safety:** None**Communications:** None**Wednesday's Planned Activities (01/02/2013):****ABSCOPE:**

- Complete backfilling of concrete slab areas, compacting and demob.

Technical Issues: None**Photo Log:** No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T430-01.02.13 <u>Date:</u> 01/02/13 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractors :</u> Abscope Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – mostly cloudy; PM – mostly cloudy		Temp: Min. 24°F /35°F Max. Wind: 5-20 MPH from the NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal and backfill
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed, backfilled, compacted
 - Slab #9 (water process tank) – removed, backfilled, compacted
 - Slab #11 (north, SHT-1) – removed, backfilled, compacted
 - Slab #11 (south, SHT-2) – removed, backfilled, compacted
 - Slab #12 (north, filter press) – removed, backfilled
 - Slab #12 (south, filter press) – removed, partial backfill
 - Slab #8 (gravity thickener) – removed, partial backfill
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Construction oversight
- Perform general site cleanup.
- Remove (3) pumps from pump station and floats
- Begin removing cast iron piping and fittings from pump station

ABSCOPE:

- Continue backfilling pad areas and compacting placed material (filter presses and gravity thickener)
 - Pad areas are backfilled in ~1 foot lifts and compacted with excavators and vibratory roller

Field Personnel:

- ARCADIS - 2
- Abscope - 3

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers from Russell Reid
- (2) 30 yd roll off containers from B&B Disposal
- (1) 20 yd metal recycling container from CK Disposal

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment
- 1 ½ ton smooth drum vibratory roller

Visitors: None**Project hours of operation:** UPF --- 0630 to 1730**Health and Safety:** None**Communications:** None**Thursday's Planned Activities:****ABSCOPE:**

- Complete backfilling concrete slab areas, compacting and demob.
- Punch holes in catch basins

Technical Issues: None**Photo Log:** No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T431-01.03.13 Date: 01/03/13 Day of Week: <u>S M T W T F S</u>
<u>Contractors :</u> Abscope Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	Day of Week: <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – partly cloudy; PM – sunny		Temp: Min. 26°F /34°F Max. Wind: 5-15MPH from West

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal and backfill
 - (12) WTS slabs removed and backfilled
 - SPS slab removal:
 - Slab #10 (SHT-3) – removed, backfilled, compacted
 - Slab #9 (water process tank) – removed, backfilled, compacted
 - Slab #11 (north, SHT-1) – removed, backfilled, compacted
 - Slab #11 (south, SHT-2) – removed, backfilled, compacted
 - Slab #12 (north, filter press) – removed, backfilled, compacted
 - Slab #12 (south, filter press) – removed, backfilled
 - Slab #8 (gravity thickener) – removed, backfilled, compacted
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Construction oversight
- Perform general site cleanup. Place debris, trash, wood, metal, plastic, and miscellaneous materials from operations in roll off containers.
- Complete removing cast iron piping and fittings from pump station, excluding pump elbow bases.
- Begin separating with excavator consolidated NW soil stockpile liner from remaining soil and load liner into roll off containers for disposal. Liner was used for stockpiling non-impacted soil from UPF civil construction cuts and excavation.
- Punch holes in bottom of pump station with hoe ram.
- Met with Jim Mack and Jack Rodak to inventory drums on the UPF site.

ABSCOPE:

- Complete backfilling pad areas and compacting placed material (filter presses and gravity thickener)
 - Pad areas are backfilled in ~1 foot lifts and compacted with excavators and vibratory roller
- Punch holes in catch basins with hoe ram. Hydraulic hammer on hoe ram would not fit in 3 deeper catch basins. ARCADIS will mobilize an air compressor and 90 lb. jackhammer to punch holes in these three catch basins.

Field Personnel:

- ARCADIS - 2
- Abscope - 3

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers from Russell Reid
- (2) 30 yd roll off containers from B&B Disposal
- (1) 20 yd metal recycling container CK Disposal

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment
- Cat 330c Excavator w/hydraulic hammer attachment

Visitors: Jim Mack (Morris environmental consultant)

Project hours of operation: UPF --- 0630 to 1730

Health and Safety: None

Communications: None

Friday's Planned Activities:**ABSCOPE:**

- Complete demob activities and cover remaining soil stockpile in the SW corner of the site.

Technical Issues: None

Photo Log: No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T432-01.04.13 <u>Date:</u> 01/04/13 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors :</u> Abscope Hometown Security (UPF)	<u>ARCADIS Personnel :</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: John LaLonde (Abscope) Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – partly cloudy; PM – sunny		Temp: Min. 28°F /44°F Max. Wind: 5-25MPH from SSW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal, backfill, and compaction
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- Tarp SW soil stockpile
- Abscope demobilized from the site, excluding (1) excavator and (1) loader w/fork attachment

Contractor Activities and Remarks:

UPF Site: At 0700 Hometown Security completed security activities at the UPF site and for the project, and will demobilize security vehicle. There will be no security on the Site after today.

ARCADIS:

- Construction oversight
- Perform general site cleanup. Place debris, trash, wood, metal, plastic, and miscellaneous materials from operations in roll off containers.
- Use excavator to finish separating consolidated NW soil stockpile liner from remaining soil and load liner into (2) B&B roll off containers for disposal. Liner was used for stockpiling non-impacted soil from UPF civil construction cuts and excavation.
- Assist Abscope with tarping SW soil stockpile and secure poly tarp over soil stockpile.
- Disconnect and remove transformer and main power panel from last standing light pole. Note B&B Disposal will remove transformer and power panel from the Site.
- Use excavator to lay down last UPF light pole standing near street fence where service was connected.
- Disconnect and remove all wires from pole and remove pole from concrete block base.
- Use excavator to cut all UPF temporary wood light poles in half and load into 30 yd container with loader.
- Mobilize air compressor and 90 lb jack hammer from Hertz for punching holes in three remaining catch basins.

ABSCOPE:

- Use excavator and spreader bar to lay reinforced UV resistant poly tarp over SW soil stockpile.
- Abscope demobilizes from the site - Demob the CAT 330 excavator, hydraulic hammer attachment, and other misc equipment and trailer. Note Abscope will leave an excavator and a loader on site for ARCADIS's use to complete cleanup and demob activities at the UPF site

Field Personnel:

- ARCADIS - 2
- Abscope - 3

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers from Russell Reid
- (2) 30 yd roll off containers from B&B Disposal
- (1) 20 yd metal recycling container from CK Disposal
- Air compressor w/90 lb hammer

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment

Visitors: None

Project hours of operation: UPF --- 0630 to 1800

Health and Safety: None

Communications: None

Monday's Planned Activities:

ARCADIS: Perform general site cleanup and demob activities.

Technical Issues: None

Photo Log: No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T433-01.07.13 <u>Date:</u> 01/07/13 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractors:</u> Russell Reid CK Disposal B&B Disposal	<u>ARCADIS Personnel:</u> Craig Burns	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: None Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – partly cloudy; PM – sunny		Temp: Min. 31°F /47°F Max. Wind: 5-15 MPH from the NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- SPS equipment disassembly & demob from the Site, excluding:
 - Pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations.
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal, backfill, and compaction
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- Tarp SW soil stockpile
- Abscope demobilized from the site, excluding (1) excavator and (1) loader w/fork attachment
- All construction trailers damaged or destroyed during Hurricane Sandy removed from the UPF site

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Use excavator, loader, and backhoe to perform general site cleanup activities. Place debris, trash, wood, pipe, metal, plastic, and miscellaneous materials from operations in roll off containers.
- Use backhoe to remove any fabric, debris, or liner pieces from backfill in the concrete pad areas.
- Use backhoe and loader to top off backfilled concrete pad areas with asphalt millings
- Use air compressor and 90 lb jack hammer to punch holes in three remaining catch basins.
- Pump down pump station with 2" trash pump and use jackhammer to remove (3) pump base elbows from concrete floor.
- Use water from pump station and 2" trash pump to wash down pump station pumps, brackets, slide rails, and base elbows.
- B&B Disposal removed from the site last construction trailer (ARCADIS trailer) destroyed during Hurricane Sandy.
- Russell Reid on site to demob (1) wash station and (2) port-o-johns.
- CK Disposal on site to demob 20 yd metal recycling container.

Field Personnel:

- ARCADIS – 2

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers from Russell Reid
- (2) 30 yd roll off containers from B&B Disposal
- Air compressor w/90 lb hammer

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment

Visitors: None**Project hours of operation:** UPF --- 0700 to 1800**Health and Safety:** None**Communications:** None**Tuesday's Planned Activities:****ARACDIS:**

- Perform general site cleanup and demob activities.

Technical Issues: None**Photo Log:** No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T434-01.08.13 Date: 01/08/13 Day of Week: <u>S M [T] W T F S</u>
<u>Contractors:</u> CHES B&B Disposal	<u>ARCADIS Personnel:</u> None	Day of Week: <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: None Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – partly cloudy		Temp: Min. 27°F /50°F Max. Wind: 0-15 MPH from the SW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- SPS equipment disassembly & demob from the Site
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal, backfill, and compaction
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- Tarp SW soil stockpile
- Abscope demobilized from the site, excluding (1) loader w/fork attachment
- All construction trailers damaged or destroyed during Hurricane Sandy removed from the UPF site
- Pump station components removed and transported to the OU-1 site for storage

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Use excavator, loader, and backhoe to perform general site cleanup activities. Place debris, trash, wood, pipe, metal, plastic, and miscellaneous materials from operations in roll off containers.
- Use backhoe to remove any fabric, debris, or liner pieces from backfill in the concrete pad area.
- Use backhoe and loader to top off backfilled concrete pad areas with asphalt millings
- Use backhoe to scrape down and clean material from asphalt pad
- Use air compressor and 90 lb jack hammer to punch holes in three remaining catch basins.
- Use the loader to transport pump station pumps, brackets, slide rails, base elbows and floats from the UPF site to the OU-1 site. Pump station equipment is staged outside on the stone across from the warehouse south side garage door.
- Load pump station control panel in pick-up truck and transport to the OU-1 site. Control panel is stored inside the OU-1 warehouse.
- B&B Disposal moved Abscope excavator from the UPF site to the OU-1 site where Abscope will demobilize excavator within the next two weeks.
- B&B Disposal removed main power panel and transformer from the site.
- CHES on site to remove pallet of misc cleaning chemicals, acetone, paint, waste oil, fin lube, and other misc fluids and chemicals from SPS operations
- Tom Gallagher visited the UPF site to perform a walk through inspection. Tom had no issues with site demob and clean-up activities, and verbally approved Tierra/ARCADIS demobilization from the site.

Field Personnel:

- ARCADIS – 1

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers from Russell Reid
- (2) 30 yd roll off containers from B&B Disposal
- Air compressor w/90 lb hammer

ABSCOPE:

- Komatsu PC300LC Excavator
- Komatsu WA250PZ loader w/fork attachment

Visitors: Tom Gallagher (Morris), Jeff Perron (CHES)

Project hours of operation: UPF --- 0700 to 1800

Health and Safety: None

Communications: None

Wednesday's Planned Activities:**ARCADIS:**

- Perform general site cleanup and demob activities.

Technical Issues: None

Photo Log: No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T435-01.09.13 Date: 01/09/13 Day of Week: <u>S M T [W] T F S</u>
<u>Contractors:</u> B&B Disposal Hertz Equipment	<u>ARCADIS Personnel:</u> None	Day of Week: <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: None Owner Representatives: Jack Rodak (B&C) USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – partly cloudy		Temp: Min. 32°F /50°F Max. Wind: 0-15 MPH from the SW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- SPS equipment disassembly & demob from the Site
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal, backfill, and compaction
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- Tarp SW soil stockpile
- Abscope demobilized from the site
- All construction trailers damaged or destroyed during Hurricane Sandy removed from the UPF site
- Pump station components removed and transported to the OU-1 site for storage per clients direction
- UPF lighting components removed, disposed of, and stored at OU-1 per clients direction
- (17) UPF waste drums moved to the OU-1 site for pick-up and disposal

Contractor Activities and Remarks:**UPF Site****ARCADIS:**

- Use loader and backhoe to perform general site cleanup activities. Place debris, trash, wood, pipe, metal, plastic, and miscellaneous materials from operations in roll off containers.
- Use backhoe to remove any fabric, debris, or liner pieces from backfill in the concrete pad area.
- Use backhoe and loader to top off backfilled concrete pad areas with asphalt millings
- Use backhoe to scrape down and clean material from asphalt pad
- Wash down area around pump station using 2" trash pump and water from pump station.
- Brake down 2" trash pump and hose, place on pallet, and transport to the OU-1 site for storage. Pump, hose, and fittings are stored on the stone across from the warehouse south garage door.
- Load UPF drums on pallets in pick-up truck and transport to the OU-1 site for storage until CHES picks up for disposal. Material in drums were generated from UPF decon and demob activities and material is determined to be Non-Haz. A total of (17) drums were generated and transported to the OU-1 site.
- Use loader to move (2) concrete light post support blocks to OU-1 for storage. Blocks are stored to the left of the entrance gate when entering. Blocks are placed on the stone next to other blocks previously brought over.
- Paul Bluestein and Fernando visited the UPF site to perform a walk through inspection. Client had no issues with demob and cleanup activities, and approved ARCADIS demobilization.
- Drive Abscope loader and forks from the UPF site to the OU-1 site for storage. Abscope will demob loader and forks from the OU-1 site within the next two weeks.
- Hertz equipment demobs air compressor and jackhammer.
- B&B Disposal on site to remove 1 of 2 30 yd containers for disposal

Field Personnel:

- ARCADIS – 1

Equipment:**ARCADIS:**

- Case 580 Backhoe
- (2) 30 yd roll off containers from Hertz
- (1) 30 yd roll off containers from B&B Disposal

ABSCOPE:

- Komatsu WA250PZ loader w/fork attachment

Visitors: Paul Bluestein (Tierra) and Fernando (YPF)

Project hours of operation: UPF --- 0700 to 1800

Health and Safety: None

Communications: None

Thursday's Planned Activities:**ARACDIS:**

- Perform general site cleanup and demob activities.

Technical Issues: None

Photo Log: No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T436-01.10.13 Date: 01/10/13 Day of Week: <u>S M T W [T] F S</u>
Contractors: Russell Reid	ARCADIS Personnel: None	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – sunny; PM – partly cloudy		Temp: Min. 37°F /50°F Max. Wind: 5-20 MPH from the NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- SPS equipment disassembly & demob from the Site.
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal, backfill, and compaction
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- Tarp SW soil stockpile
- Abscope demobilized from the Site
- All construction trailers damaged or destroyed during Hurricane Sandy removed from the UPF site
- Pump station components removed and transported to the OU-1 site for storage per clients direction
- UPF lighting components removed, disposed of, and stored at OU-1 per clients direction
- (17) UPF waste drums moved to the OU-1 site for pick-up and disposal
- Cleanup of asphalt pad, concrete pad areas, and UPF site in general
- All equipment demobed from the UPF site and demobilization activities completed, excluding the removal of (2) 30 yd containers for disposal

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Inventory (17) UPF drums stored at OU-1 and complete drum waste log.
- Use backhoe to perform general site cleanup activities. Place debris, trash, wood, pipe, metal, plastic, and miscellaneous materials from operations in roll off containers.
- Use backhoe to remove any fabric, debris, or liner pieces from backfill in the concrete pad area.
- Use backhoe to top off backfilled concrete pad areas with asphalt millings
- Use backhoe to complete scraping down and cleaning material from asphalt pad.
- Russell Reid on site to remove 1 of 2 30 yd containers from the Site for disposal
- Drive backhoe from the UPF to the OU-1 site for storage. Hertz equipment will pick up backhoe from the OU-1 site.

Field Personnel:

- ARCADIS – 1

Equipment:

ARCADIS:

- Case 580 Backhoe
- (1) 30 yd roll off containers from Russell Reid
- (1) 30 yd roll off from B&B Disposal

Visitors: None

Project hours of operation: UPF --- 0730 to 2000

Health and Safety: None

Communications: None

Friday's Planned Activities: Russell Reid will be on site to remove their last 30 yd container from the Site for disposal

Technical Issues: None

Photo Log: No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T437-01.11.13 <u>Date:</u> 01/11/13 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractors:</u> Russell Reid	<u>ARCADIS Personnel:</u> None	
ARCADIS Construction Supervisor: None Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – overcast; PM – rain		Temp: Min. 34°F /46°F Max. Wind: 0-10 MPH from the NE

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- SPS equipment disassembly & demob from the Site
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal, backfill, and compaction
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- Tarp SW soil stockpile
- Abscope demobilized from the site
- All construction trailers damaged or destroyed during Hurricane Sandy removed from the UPF site
- Pump station components removed and transported to the OU-1 site for storage per clients direction
- UPF lighting components removed, disposed of, and stored at OU-1 per clients direction
- (17) UPF waste drums moved to the OU-1 site for pick-up and disposal
- Cleanup of asphalt pad, concrete pad areas, and UPF site in general
- All equipment demobed from the UPF site and demobilization activities completed, excluding the removal of (1) 30 yd. container for disposal

Contractor Activities and Remarks:

UPF Site

ARCADIS:

- Russell Reid on site to remove their last 30 yd container from the UPF site for disposal.

Field Personnel: None

Equipment:

ARCADIS:

- (1) 30 yd roll off container from B&B Disposal

Visitors: None

Project hours of operation: None

Health and Safety: None

Communications: None

Monday's Planned Activities:

ARACDIS:

- Photo document job site, meet with B&B Disposal for removing last container from site, return rental truck to Enterprise.

Technical Issues: None

Photo Log: No pictures taken

DAILY CONSTRUCTION ACTIVITIES REPORT (FINAL FIELD REPORT)

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		File No. T438-01.14.13 Date: 01/14/13 Day of Week: <u>S [M] T W T F S</u>
Contractors: B&B Disposal	ARCADIS Personnel: None	
ARCADIS Construction Supervisor: Mike Pelenski Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM – partly cloudy; PM – partly cloudy		Temp: Min. 41°F /58°F Max. Wind: 0-15 MPH from the NW

Completed Contractor Activities:

- Dredging
- Sediment processing system (SPS) operations
- Water treatment system (WTS) operations
- Disposal for operations
- DPK optical survey monitoring of the enclosure
- CQA monitoring at the enclosure
- Tieback load cell monitoring
- Enclosure Backfill
- Required tieback re-stressing and realigning
- Post Construction tieback work for water tightness and long term survivability
- Removal of combination wall enclosure
- Removal of concrete mattresses from outside of the enclosure area
- Demobilization of all marine equipment
- Well (piezometer) repair along the OU-1 floodwall
- Fence re-installation on OU-1 floodwall
- Disassembly and demob of sediment screening equipment from Weeks 62 barge
- Structural Engineer's Post Construction Inspection
- Weeks demob from the OU-1 site
- OSI final bathymetric survey of backfill in sediment removal area
- SPS equipment disassembly & demob from the Site
- 50' lengths of HDPE dual contained hydraulic pipeline and single wall enclosure pipeline shipped off site
- Surrogate sample box collection
- Storm sewer cleaning
- Reinforced concrete slab removal, backfill, and compaction
- Crush pulverized concrete rubble from concrete slabs (~1,300 yds crushed)
- Crush asphalt/concrete from obstructions excavated during the UPF construction (~400 yds crushed)
- Tarp SW soil stockpile
- Abscope demobilized from the Site
- All construction trailers damaged or destroyed during Hurricane Sandy removed from the UPF site
- Pump station components removed and transported to the OU-1 site for storage per clients direction
- UPF lighting components removed, disposed of, and stored at OU-1 per clients direction
- (17) UPF waste drums moved to the OU-1 site for pick-up and disposal
- Cleanup of asphalt pad, concrete pad areas, and UPF site in general
- All equipment demobed from the UPF site and demobilization activities completed
- Photo Documentation of the UPF site

Contractor Activities and Remarks:

UPF Site: Last day on the Site

ARCADIS:

- Cleanup misc piping and wood off the side of the access road to the Passaic River waterfront
- Perform final walkthrough inspection
- Photo document sight conditions
- B&B Disposal on site to remove their last 30 yd container from the UPF site for disposal.
- Return ARCADIS rental truck

Field Personnel:

- ARCADIS - 1

Equipment: None

Visitors: None

Project hours of operation: UPF --- 0730 to 1230

Health and Safety: None

Communications: None

Technical Issues: None

Photo Log: Documentation of UPF sight conditions after final demob



Stockpile of crushed concrete



Tarp over SW soil stockpile



View looking east of Sludge Holding Tank and filter press pad area



View looking north of coarse solids and gravity thickener pad area



View looking west of pump station pad area



View looking SE of water treatment pad area



View looking south down center area of asphalt pad



View looking west along north border of water treatment pad



View looking south along east border of water treatment pad



View looking north along east border of sediment processing pad



View looking east along south border of sediment processing pad



View looking SE across the Site



View looking south of asphalt pad eastern side



View looking south of asphalt pad western side



View looking east of across Site



View looking SE across Site



View looking north across construction trailer area



View looking north down waterfront access road



View looking west of NW corner soil stockpile area



View looking NW of site entrance gate locked up after final demob from the UPF site

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION</u>		File No. T014-8.01.11 Date: 08/01/11
Contractor (# personnel): Williams Scotsman - 1	ARCADIS Personnel Michael Pelenski	Day of Week: <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Partly Cloudy 90		Temperature: Min. 75F / 90F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Shower trailer delivered to OU-1 and staged behind southern side of the treatment building along southern perimeter of asphalt parking area.
- Electrical contractor did not show up on job site.
- Work by others conducted on Sherwin Williams property along masonry bulkhead approximately 15 feet inland. Work consisted of hammering concrete with a hoe ram and test pitting with an excavator. Approximately 4 holes were excavated.

Project equipment on site and hours of operation (0000 to 0000)

- Excavator- not utilized.
- All Terrain 50 T Crane – not utilized.
- 17 foot skiff- not utilized.

Health and Safety:

- Reviewed ARCADIS JSA for spotting and setting up shower trailer on OU-1 Site.
- Estimated Man hours- 5.5

Communications:

- None.

Tomorrow's Planned Activities

- Prepare for coring OU-1 Floodwall.
- Continue installation of electrical service for Weeks at OU-1.

Technical Issues:

- None.

Photo Log:



**View looking south of shower trailer placement
behind treatment building at OU-1**



**View looking east of shower trailer placement
behind treatment building at OU-1**



**View of test pit work conducted on Sherwin
Williams property**



**View looking west behind Sherwin Williams
bulkhead of test pitting operations**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T018-8.05.11 Date: 08/05/11
Contractor (# personnel): Weeks- 12 Abscope - 4 CB,Inc.-2	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	Day of Week: <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Randy McCormick Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 69F / 82F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

- Electrical contractor completed installation of electrical service along the OU-1 flood wall.
- Weeks commenced installation of bolting sheets to concrete wall along king piles.
- Spent portion of morning until materials arrived on site completing the relocation of materials to KP48.
- Approximately 840 linear feet of silt fence installed along northern and eastern property boundaries.
- 48 rolls of 8 oz. geotextile, 16 rolls of 16 oz. geotextile, and 5 rolls of FX-440MF delivered to the UPF site, off loaded and staged along the southern property boundary of UPF site.
- John Deere 550H LT Dozer mobilized to the UPF site.
- Sand bags for holding fabric in place during construction delivered and off loaded along with temporary chain link fence for UPF site.
- 90 ft. of temporary chain link fence installed along opening in southern property boundary of UPF.
- Visitors to the UPF site included: Jerry Romagnoli (ABSCOPE) and George Gunkelman (Morris).

Project equipment on site and hours of operation (0600 to 1700)

- Excavator- not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment.
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- 17 foot skiff- not utilized.
- John Deere Backhoe- utilized for silt fence installation; off loading materials.
- Trencher – utilized for installation of silt fence.
- John Deere 550H LT Dozer- delivered to site

Health and Safety:

- No issues.
- At OU-1- issued hot work permit 003 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 190

Communications:

- None.

Monday's Planned Activities

- Complete silt fence installation at UPF site.
- Begin coring work at OU-1.
- Continue bolting sheet pile to concrete along OU-1 flood wall.

- Continue cutting of sheet pile for coring work at OU-1.
- Begin delivery of DGA for construction support areas and entrance. DGA to be stockpiled in the southeast corner of the site.
- Prepare area where secondary fence was removed along eastern property boundary for construction trailer setup.

Technical Issues:

- None

Photo Log:



View looking east of installed silt fence along northern property boundary at UPF site.



View of flood wall with bolts



View looking north of corrosive containers in northeast corner of UPF site



View looking west of installed temporary chain link fence along southern property boundary of UPF site

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T019-8.08.11 Date: 08/08/11
Contractor (# personnel): Weeks- 13 Abscope - 6 CTI- 2 CB,Inc.-2	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	Day of Week: <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Nick Mucci USEPA/USACE Representatives: Mark Kucera, Jeff Kumar, Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 76F / 91F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Completed installation of 150 linear feet of silt fence along the UPF northern and eastern property boundaries.
- Komatsu 228 Excavator and Bomag 13 ton Roller mobilized to the UPF site.
- Williams Scotsman delivered one trailer/conex box for Abscope at UPF site.
- Began construction of UPF trailer support area utilizing 11,200 sq ft of 8 oz fabric and approximately 420 tons of DGS stone.
- Layout stockpile pads for excavated material required for the civil site improvements. One 80 ft. x 120 ft. area in the southwest corner and one 80 ft. x 80 ft. area in the northwest corner.
- Began constructing staging area pad for stockpiling excavated material.
- Visitors to the site included: George Gunkelman (Morris) and John McNally (Clean Harbors).
- Electrical contractor completed installation of electrical service along the OU-1 flood wall.
- Weeks continued of bolting sheets to concrete wall along king piles of OU-1 flood wall.
- Continued cutting of sheets for shoe & wale placement along the OU-1 flood wall.

Project equipment on site and hours of operation (0600 to 1630)

- Excavator- not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment.
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- 17 foot skiff- not utilized.
- Trencher – utilized for installation of silt fence.
- John Deere Backhoe – Utilized for silt fence installation and construction support area.
- John Deere 550H LT Dozer – Utilized for installation of construction support area.
- Komatsu 228 Excavator – Utilized for preparing area in northwest corner for stockpile staging area.
- Bomag 13 ton roller – Utilized for construction support area for trailers.
- Trencher – 1 hr; Utilized for trenching in silt fence.

Health and Safety:

- No issues.
- At OU-1- issued hot work permit 004 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 240

Communications:

- None.

Tomorrow's Planned Activities

- Complete construction support area for trailers at UPF.
- Delivery and setup of three construction trailers at UPF.

- Continue constructing staging areas for stockpile material.
- Continue coring work at OU-1.
- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1.
- Verify survey locations for tiebacks at OU-1.
- Weekly Progress Meeting.

Technical Issues:

- None

Photo Log:



View looking west along OU-1 floodwall.



View looking southwest showing construction of stockpile staging area pad in northwest corner of the UPF site for material to be excavated.



View looking northeast of 95% installed construction support area for trailers at the UPF.



View looking southeast of grubbing and clearing operations for trailer construction support area at UPF.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T020-8.09.11 Date: 08/09/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 12 Abscope - 6 CTI- 2 CB,Inc.-2 DPK-1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Matt Bowman	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Nick Mucci; Jack Rodak; Paul Brzozowski USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy; PM- Rain		Temperature: Min. 72F / 84F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

- Completed the construction support area for the trailers at UPF
- Williams Scotsman delivered three 60 'long trailers to the UPF site.
- DPK verified locations of tie backs at OU-1 site.
- Visitors to the site included: George Gunkelman (Morris) and John McNally (Clean Harbors).
- Electrical contractor continued installation of electrical service along the OU-1 flood wall.
- Weeks continued of bolting sheets to concrete wall along king piles at OU-1.
- Continued cutting of sheets for shoe & wale placement along flood wall at OU-1.
- Move section of existing stockpile of crushed concrete (RCA) in order to lengthen the construction support area for the trailers at UPF.
- Extended the UPF construction support area to 180 foot x 80 foot in order to accommodate the increased number of trailers and parking requirements at UPF.
- Continue constructing stockpile pads in the northwest and southwest corners of the UPF site for excavated materials; delivered 313.69 tons DGA stone.

Project equipment on site and hours of operation (0600 to 1600)

- John Deere Backhoe – Utilized for construction support area installation and stockpile pads-UPF.
- John Deere 550H LT Dozer – Utilized for construction support area and stockpile pads-UPF.
- Komatsu 228 Excavator – Utilized moving pile of crushed concrete to make room for support area-UPF.
- Bomag 13 ton roller – Installation of construction support area for trailers-UPF.
- Trencher – Not utilized- UPF.
- John Deere Loader – Move construction materials -UPF
- Excavator- not utilized- OU1.
- All Terrain 50 T Crane – utilized for movement of equipment-OU1.
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues.
- At OU-1- issued hot work permit 005 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 240

Communications:

- None.

Tomorrow's Planned Activities

- Meet with electrician at UPF to review generator power connections for trailers.
- Continue constructing staging areas to stockpile excavated materials.
- Continue concrete coring work at OU-1.
- Finish constructing staging areas in the northwest and southwest corners of the UPF for stockpiling excavated material.
- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1.
- Begin core drill operations at OU-1 Flood wall.

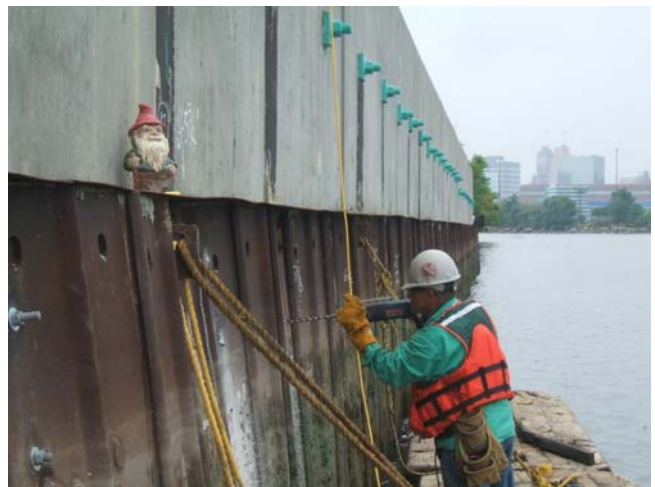
Technical Issues:

- Reviewed with Jim Mack (Morris Rep.) and Leo Simeos (Clean Harbors) to discuss disposal of containers located in the northeast corner of UPF site.

Photo Log:



View looking northeast of setup construction trailers along the eastern fence line of UPF.



View looking west along floodwall of drilling and bolting operations at OU-1.



View looking west of work along OU-1 floodwall at high tide.



View looking east of work along OU-1 floodwall preparing for core drilling.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T021-8.10.11 Date: 08/10/11
Contractor (# personnel): Weeks- 13 Abscope - 5 CTI- 2 CB,Inc.-2	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Matt Bowman Adam Chwalibog	Day of Week: <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Nick Mucci; Jack Rodak; Paul Bluestein USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 72F / 84F Max. Wind: 0 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Generator and fuel cell delivered for site trailers.
- Complete construction of 80 foot by 80 foot stockpile pad in northwest corner of site.
- Continued construction of 120 foot by 80 foot stockpile pad in southwest corner of site.
- Visitors to the site included: John McNally (Clean Harbors), Leo Simoes (Clean Harbors), and David Miller (CB Electric).

OU-1

- Weeks continued of bolting sheets to concrete wall along king piles at OU-1.
- Continued cutting of sheets for shoe & wale placement along flood wall at OU-1.
- Began core drilling for tie backs along OU-1 flood wall.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- John Deere Backhoe – Utilized for stockpile construction.
- John Deere 550H LT Dozer – Utilized for construction support area and stockpile pads.
- Komatsu 228 Excavator – Utilized moving pile of crushed concrete to make room for support area.
- Bomag 13 ton roller – Used for installation of construction support area for trailers.
- Trencher – Not utilized.
- John Deere Loader – Used to move construction materials.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed with Weeks need to perform additional housekeeping (minimizing equipment along the flood wall).
- At OU-1- issued hot work permit 006 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 260

Communications:

- None.

Tomorrow's Planned Activities

UPF

- Meet with the electrician to discuss generator power connections to the trailers.

- Complete construction of the southwest stockpile pad.
- Begin excavation activities associated with the filter press concrete pads.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- Met with John McNally of Clean Harbors and Epic to discuss container logistics for sediment processing.
- Met with Leo Simoes of Clean Harbors concerning the disposal of Morris containers on UPF site.

Photo Log:



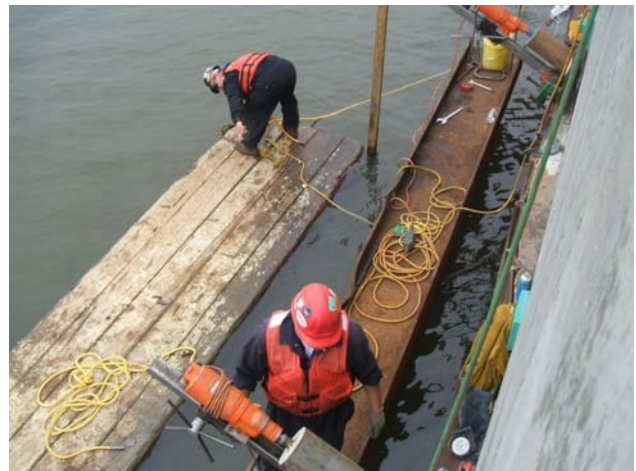
View looking northwest of LLDPE liner installation for stockpile pad in northwest corner of the UPF.



View looking from top of wall of core drilling operation.



View looking west of work along OU-1 floodwall at high tide.



View looking east of work along OU-1 floodwall preparing for core drilling.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T022-8.11.11 Date: 08/11/11
Contractor (# personnel): Weeks- 14 Abscope - 6 CTI- 2 CB,Inc.-2	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Adam Chwalibog	Day of Week: <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Nick Mucci; Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 71F / 85F Max. Wind: 0 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Placed approximately 190 tons of DGA in northwest stockpile location.
- Continue constructing 80 ft. x 120 ft. stockpile pad in southwest corner.
- Met with CB Electric to discuss generator power connections to the trailers.
- Began excavation activities for the south filter press concrete pad. Clean materials are to be placed on 80 foot x 120 foot stockpile pad in southwest corner of site.
- Visitors to the site included: Luis Recio (Local 472 Laborers), Leno Santiago (Local 825 Operating Engineers).

OU-1

- Electrical contractor continued installation of electrical service for pumps.
- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Continued cutting of sheets for shoe & wale placement along flood wall at OU-1.
- Continued core drilling for tie backs along OU-1 flood wall.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- John Deere Backhoe – Not utilized.
- John Deere 550H LT Dozer – Utilized for stockpile pads.
- Komatsu 228 Excavator – Utilized for excavation activities.
- Bomag 13 ton roller – Used for stockpile pads.
- Trencher – Not utilized.
- John Deere Loader – Used to move construction materials.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. Reviewed with Weeks need to perform additional housekeeping (minimizing equipment along the flood wall).
- At OU-1- issued hot work permit 006 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 250

Communications: None

Tomorrow's Planned Activities

UPF

- Survey locations of remaining concrete foundations.
- Continue excavation for filter press foundations.
- Finish constructing stockpile pad in the southwest corner of the UPF.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues: None

Photo Log:



View looking west of excavation for southern filter press pad.



View looking west of LLDPE liner and 16 oz geotextile for stockpile pad in southwest corner of the UPF.



View looking at concrete core from core drilling operations at OU-1.



Pallet of galvanized shoes

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T024-8.15.11 Date: 08/15/11 Day of Week: <u>S [M] T W T F S</u>
Contractor (# personnel): Weeks- 13 Abscope - 6 CTI- 2	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick; Dustin Winn; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Partly cloudy; drizzle; PM- Partly cloudy; drizzle		Temperature: Min. 70F / 81F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Began building construction entrance utilizing 94.13 tons of 2.5 "stone.
- Completed construction of a 24 ft. x 32 ft. decon pad in northwest corner of site.
- Completed movement of RCA stockpile in front of secondary access gate on Blanchard Street and the construction of a roadway from this gate.
- Performed construction dewatering activities associated with the filter press pads.
- Complete set up for GPS system for dozer to be utilized to cut grades.

OU-1

- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Continued cutting of sheets for shoe & wale placement along flood wall at OU-1.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall.
- Visitors to the site included: Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere Backhoe – Utilized for moving construction materials.
- John Deere 550H LT Dozer – Utilized for construction entrances and decon pad.
- John Deere GPS Dozer -Not Utilized
- Komatsu 228 Excavator – Utilized for moving stockpile for secondary access gate.
- Bomag 13 ton roller – Utilized for constructing decon pad.
- Trencher – Not utilized.
- Backhoe – Not utilized.
- John Deere Loader – Utilized for moving construction materials.
- 4 inch Godwin pump – Dewater filter press pad excavations.
- Rain for Rent Tank- delivered to site.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 008 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 217

Communications: None**Tomorrow's Planned Activities****UPF**

- Commence grading activities utilizing the GPS guided dozer blade.
- Excavate unsuitable subgrade from north press pad and stabilize with 2.5" stone, DGA, and geotextile.
- Depending upon weather conditions, begin concrete forming work.
- Continue to install DGA stone in construction support area.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- The project site received in excess of 6.5 inches of rain on Sunday, 8/14. Due to the large volume of dewatering required, excavation activities associated with foundations were delayed one day. Additionally tides conditions due to the swollen river were more extreme than normal reducing overall flood wall productivity.

Photo Log:

View of residual garbage on floating platforms as a result of the weekend storms.



View looking southwest of southern filter press pad excavation filled with storm water.



Three layer liner system installed for decon pad (16 oz geotextile, LLDPE liner, 16 oz geotextile).



View looking southwest of completed decon pad south of northwest stockpile pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T025-8.16.11 <u>Date:</u> 08/16/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 Abscope - 7 CTI- 2 CBE-2 OSI-2	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick; Dustin Winn; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Cloudy; drizzle; PM- Partly cloudy		<u>Temperature:</u> Min. 70F / 82F Max. <u>Wind:</u> 0 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Received 8 loads of stone totaling approximately 196.7 tons.
- Began grading activities for equipment and treatment pad utilizing the GPS guided dozer blade in the south part of the sediment processing pad. Clean material is being cut first.
- Continue construction dewatering activities for the northern filter press pad.
- Implemented new sub grade backfill/stabilization procedures (see technical issues) in the northern filter pad.
- Continue to stockpile materials on southwest pad. Estimated material stockpiled to date is 1,000 cubic yards.
- Abscope placed temporary fence along southern boundary exposed by Pallet Company moving a large stack of pallets.
- Visitors to the site included: John McNally (Clean Harbors), Marty Pinck (Hometown Security). Jim Mack (Morris Rep), Leno Santiago (825 Union Rep).

OU-1

- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Continued cutting of sheets for shoe & wale placement along flood wall at OU-1.
- Continued wiring for electrical water pumps for enclosure.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall.
- Began set up for bathymetric survey work.

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere Backhoe – Utilized for moving construction materials.
- John Deere 550H LT Dozer – Utilized for grading southwest stockpile.
- John Deere GPS Dozer – Utilized for cutting grades throughout site.
- Komatsu 228 Excavator – Utilized for loading out material to dump truck and for northern filter pad.
- Bomag 13 ton roller – Utilized for northern filter pad.
- 10-Wheeler Dump Truck – Utilized for hauling cut material into southwest stockpile.
- John Deere Loader – Utilized for moving construction materials.
- 4 inch Godwin pump – Dewater northern filter press pad excavation.

- Rain for Rent Tank- Not Utilized.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- At 0700 hours a Weeks Marine Laborer slipped and fell hitting his right ear on the edge of a tool crib platform. The fall resulted in a laceration to his ear with the employee taken to St Michael's Hospital (local urgent care facility does not open until 0800). Despite Weeks PM request that the employee would be put on light duty, the doctor at the hospital prescribed 2 days off work. Claude Dion, Weeks Marine PM, was in contact with the employee and has requested he return to work tomorrow, and then go with Mr. Dion to the Urgent Care Clinic to request a second opinion of light duty work. In order to mitigate the slip hazard where the incident occurred, the tool crib was moved snug to work platform to eliminate the step up to the crib. Additionally a hand rail was installed along with abrasive paint and sand in addition to the existing diamond plate to further add skid / slip guard. A full investigation report will be issued once all details are known.
- At OU-1- issued hot work permit 009 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 260

Communications:

- Weekly Progress Meeting

Tomorrow's Planned Activities

UPF

- Continue excavating activities with the GPS guided dozer blade.
- Stabilize unsuitable sub grade from northern filter press pad with 2.5" stone, DGA, and geotextile.
- Begin concrete forming work on the southern filter press pad.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- After review with ARCADIS engineer for UPF site, additional sub grade stabilization procedures were agreed to and implemented. 2.5 inch stone with woven geotextile will be used to provide better stabilization in soft areas.
- Confirmed with ARCADIS engineer that 1 ft. over cut material from northern filter press pad on UPF is not impacted with Hex chrome or VOCs.

Photo Log:



View of welded shoe on OU-1 flood wall.



View at OU-1 of corrected tool crib showing hand rail and abrasive paint on top of diamond plate.



Two layers 8 oz geotextile installed over sub grade in the northern filter press pad excavation.



View looking west of northern filter press pad 1 ft. over cut.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T026-8.17.11 Date: 08/17/11 Day of Week: <u>S M T [W] T F S</u>
Contractor (# personnel): Weeks- 12 Abscope - 7 Camarato Trucking – 2 SECI-1 CTI- 3 CBE-2 OSI-2	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick; Dustin Winn; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 70F / 89F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Delivered 1 load of Tilcon Grit delivered to the site totaling 1.76 tons to be used for surrogate sampling boxes.
- Continue cutting/excavating clean soils for equipment and processing pads using the GPS dozer blade.
- Performed construction dewatering for the southern filter press pad.
- Continue stockpiling cut material in the southwest corner stockpile. Total estimated materials stockpiled to date are 1,500 CY.
- Collected Hex Chrome soil sample for Clean Harbors profiling utilizing a 5 point composite sample.
- Visitors to the site included: Jerry Romagnoli (Abscope), Jim Mack (Morris), Geoffrey Rausher (Morris), George Gunkelman (Morris), Tony DeAlneida (C&T), Antonio Vasquez (Berto), Antonio Gonzalez (Berto).

OU-1

- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Continued cutting of sheets for shoe & wale placement along flood wall at OU-1.
- Continued wiring for electrical water pumps for enclosure.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall.
- Completed bathymetric survey work.
- Visitors to the site included: Jerry Romagnoli (Abscope), Leno Santiago (825 union Rep.); Lucia Gamba (USACE)

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere Backhoe w/forks – Utilized for moving construction materials. Taken off site EOD.
- John Deere 550H LT Dozer – Utilized for grading southwest stockpile area.
- John Deere Dozer equipped with GPS – Utilized for cutting grades.
- Komatsu 228 Excavator – Utilized for loading material into dump trucks.
- Bomag 13 ton roller – Not Utilized
- John Deere Loader – Utilized for moving construction materials.
- 10-Wheeler Dump Truck (2) -Utilized for hauling cut material into southwest stockpile pad.

- 4 inch Godwin pump – Dewater southern filter press pad.
- Rain for Rent Tank- Not utilized
- Mobilized Cat 330 Excavator – Not Utilized
- Mobilized Water Truck – Not Utilized.

OU-1

- Excavator- not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- No issues.
- A second opinion was rendered for Weeks Marine Laborer that slipped and fell on 8/16. He has been placed on light duty and no lost work days will occur.
- At OU-1- issued hot work permit 010 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 310

Communications: None

Tomorrow's Planned Activities

UPF

- Continue excavating activities with the GPS guided dozer blade.
- Stabilize unsuitable sub grade from northern filter press pad using engineer approved design.
- Begin concrete forming work on the southern filter press pad.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Begin Sound Monitoring survey effort.

Technical Issues:

- Received approval from ARCADIS engineer to amend stabilization procedures for areas not meeting proof roll approval at UPF.

Photo Log:



View of completed core hole prior to sealing.



View of steps installed at OU-1 flood wall.



**Soil samples collected from
Hex chrome area at UPF.**



**Surrogate sampling box in southern filter
press slab sub grade.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T027-8.18.11 Date: 08/18/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 13 Camarato Trucking - 2 SECI - 3 Berto – 3 DPK – 1 Hometown Security (4) Abscope - 7 CTI- 2 CBE-5 Nicholson - 2	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Jamie Beaver Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Dave Vosseller; Ranny McCormick; Dustin Winn; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci; Paul Bluestein USEPA/USACE Representatives: Ray Basso; Elizabeth Butler		
Weather: AM- Cloudy; Brief shower; PM- Sunny		Temperature: Min. 70F / 86F Max. Wind: 0 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Delivered 3 loads of 2.5" stone totaling 76.98 tons for the northern press pad.
- Proof roll with BOMAG Roller the stabilized sub grade in northern filter press pad excavation, Passed.
- Commence concrete form work for southern filter press pad.
- DPK onsite for various survey activities.
- Hometown Security on site to discuss security logistics. After work hours and weekend security will commence on Friday 08/19.
- John McNally of Clean Harbors picked up Hex chrome samples taken previous day for profiling.
- Tierra requested removal of Superfund project sign at UPF and outside OU-1. Signs were removed.
- Visitors to the site included: Paul Bluestein (Tierra), Elizabeth Butler and Ray Basso (EPA), Adam Chwalibog and Jamie Beaver (ARCADIS), Jim Mack (Morris Rep), George Gunkelman (Morris construction rep), Bill Young (Power Concrete), John McNally (Clean Harbors).
- Continue to stockpile materials on southwest pad.

OU-1

- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Fed electrical wiring from panels to main distribution panel for enclosure pumps.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall.
- Completed bathymetric survey work.
- Visitors to the site included: Paul Bluestein (Tierra), Dave Vosseller (Weeks), Allison Malangone (Nicholson), Jamie Picorello (Nicholson), Elizabeth Butler (USEPA), Ray Basso (USEPA).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere 550H LT Dozer – Utilized for grading southwest stockpile area.
- John Deere Dozer equipped with GPS – Utilized for cutting grades for asphalt and concrete pads.
- Komatsu 228 Excavator – Utilized for loading cut material into dump trucks, cutting grades and pulling

blacktop and concrete.

- Bomag 13 ton roller – Utilized for proof rolling
- John Deere Loader – Utilized for moving and loading material throughout site.
- 10-Wheeler Dump Truck (2) Utilized for hauling cut material into southwest stockpile pad.
- 4 inch Godwin pump – Not Utilized
- Cat 330 Excavator – Utilized for loading cut material into dump trucks.
- Water Truck – Utilized on site- water obtained from OU-1.
- Rain for Rent Tank- Not Utilized.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 011 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 330

Communications: None

Tomorrow's Planned Activities

UPF

- Continue cutting/excavating for concrete equipment pads and asphalt with the GPS guided dozer blade.
- Continue forming southern filter press pad for concrete and begin forming northern filter press pad.
- Commence placement of steel reinforcement.
- DPK performing survey work.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Begin Sound Monitoring survey effort.

Technical Issues:

- OSI encountered technical issues with their sound monitoring equipment so no work was performed today.
- ARCADIS engineers reviewed and resolved with Weeks all modifications to Weeks approved core drilling plan. ARCADIS to provide additional information to Weeks.

Photo Log:



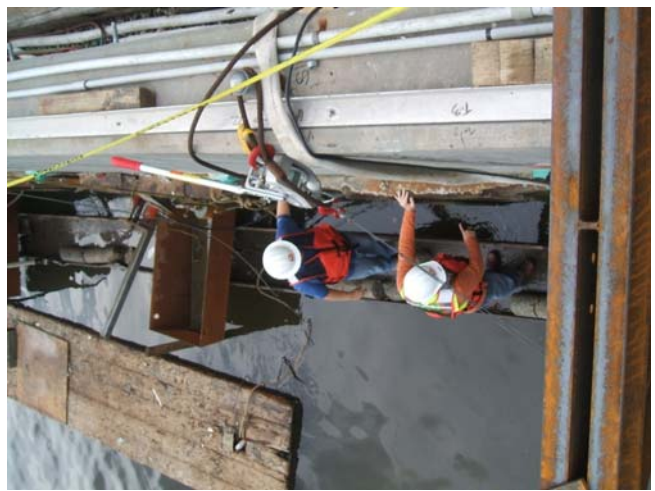
View looking west of demarcation layer placed over sub grade in southern filter press pad cut.



Cutting grade for southern #11 Pad.



Installation of electrical wiring at OU-1 for enclosure pumps.



ARCADIS design engineers performing a quality control inspection of work at OU-1 flood wall.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T027-8.19.11 <u>Date:</u> 08/19/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 Camarato Trucking - 2 Berto – 3 DPK – 1 Hometown Security-1 Abscope - 8 CTI- 3 OSI-2	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick; Dustin Winn Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Overcast; PM- Partly Cloudy		Temperature: Min. 77F / 86F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Commenced security (Hometown Security) for the site at conclusion of day's activities for the weekend.
- Received delivery of steel reinforcement bars for concrete.
- Continued "clean" cuts for #11 pad and process areas. Approximately 50 % of concrete pads are complete; 75 % of asphalt cuts are complete.
- Passed proof roll with roller on south #11 Pad.
- Continue stockpiling material in the southwest stockpile. Approximately 2,300 CY has been placed in stockpile.
- Continue concrete form work for south filter press pad and begin concrete form work for north filter press slab.
 - Continued use of DPK to confirm layouts and final concrete pad elevations. .
- Visitors to the site included: Jim Mack (Morris Rep).
- Received 8 loads of stone totaling approximately 196.7 tons.
- Continued construction dewatering activities for the northern filter press pad.

OU-1

- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall.
- Commenced sound monitoring survey work.
- Visitors to the site included: Leno Santiago (825 Union Rep) Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere 550H LT Dozer – Utilized for grading southwest stockpile.
- John Deere GPS Dozer- Utilized for cutting grades for asphalt and concrete pads.
- Komatsu 228 Excavator – Utilized for loading cut material.
- Bomag 13 ton roller – Utilized for proof rolling
- John Deere Loader – Utilized for moving materials.

- 10-Wheeler Dump Truck (2) - Utilized for moving cut material into southwest stockpile.
- 4 inch Godwin pump – Not Utilized
- Cat 330 Excavator –Utilized for loading material into dump trucks.
- Water Truck – Not Utilized.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 013 for cutting sheet pile. Fire watch maintained.
- Reviewed security procedures with Hometown security guard and provided emergency phone numbers.
- Estimated Man hours- 300

Communications: None

Tomorrow's Planned Activities

UPF

- Security on site. No work scheduled.

OU-1

- Complete Sound Monitoring survey effort.

Technical Issues:

- Abscope in grading is encountering significant amounts of blacktop and concrete (foundations) in cut areas for the UPF site. Approximately 350 CY of blacktop and concrete has been stockpiled to date.

Photo Log:



View looking east of completed shoes along OU-1 flood wall.



Proof roll south #11 Pad.



View of completed shoe including galvanizing paint application.



Installed bracing for wales on forms for south #12 Pad (Filter Press).

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T029-8.20.11 Date: 08/20/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): OSI-2	ARCADIS Personnel Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Bob Wallace Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 67F / 91F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- No work performed. Weekend security personnel present.

OU-1

- Completed field work associated with Sound monitoring

Project equipment on site and hours of operation (0730 to 1730)

UPF

- John Deere Backhoe – Not Utilized.
- John Deere 550H LT Dozer – Not Utilized.
- John Deere GPS Dozer – Not Utilized.
- Komatsu 228 Excavator – Not Utilized.
- Bomag 13 ton roller – Not Utilized.
- 10-Wheeler Dump Truck – Not Utilized.
- John Deere Loader – Not Utilized.
- 4 inch Godwin pump – Not Utilized.
- Rain for Rent Tank- Not Utilized.

OU-1

- Excavator- Not Utilized
- All Terrain 50 T Crane – Not Utilized
- Weeks man lift and float stations – Not Utilized
- Weeks welding machines and generators – Not Utilized
- 17 foot skiff- Not Utilized

Health and Safety:

- No issues. Reviewed JLA with weekend security personnel located at UPF.
- Estimated Man hours- 30

Communications: None

Monday's Planned Activities

UPF

- Continue cutting/excavating for concrete equipment pads and asphalt with the GPS guided dozer blade.
- Complete forming northern filter press pad for concrete.
- Commence placement of steel reinforcement in southern filter press pad.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Commence delivery of fluid management system tankage.

Technical Issues: None

Photo Log:



**View looking west of work area
along OU-1 flood wall.**



**View looking northeast of sound monitoring
outside enclosure work area.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T030-8.22.11 <u>Date:</u> 08/22/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 Camarato Trucking - 2 Berto – 5 Hometown Security-1 Abscope – 6 Rain for Rent - 3 CTI- 3	<u>ARCADIS Personnel</u> Michael Pelenski Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba; Mark Kucera		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 70F / 81F Max. Wind: 5 to 20 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed construction dewatering activities throughout the day from heavy weekend rains.
- Delivered more efficient 220 KVA generator to replace larger 400 KVA unit.
- Continued cutting/excavating clean soils for concrete equipment pads and asphalt with the GPS guided dozer.
- Approximately 80 % of blacktop cuts are complete and 60% of concrete pad cuts are complete.
- Southwest stockpile Continue stockpiling in southwest pad. To date approximately 2,500 CY.
- Commence placement of rebar mats in south filter press pad forms.
- Visitors to the site included: Jim Mack (Morris Rep), George Gunkelman (Morris Rep), Geoffrey Rauscher (Morris Rep).

OU-1

- Rain for Rent delivered 18,000 gallon weir tank with secondary containment to site.
- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall.
- Visitors to the site included: Mark Kucera, Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- 220 KVA generator – Not Utilized – delivered to site for electrical power to trailers.
- John Deere 550H LT Dozer – Utilized for cutting grades and stockpiling material.
- John Deere GPS Dozer- Utilized for cutting grades for asphalt and concrete pads.
- Komatsu 228 Excavator – Utilized for loading cut material.
- Bomag 13 ton roller – Not Utilized.
- John Deere Loader – Utilized for moving materials.
- 10-Wheeler Dump Truck (2) - Utilized for moving cut material into southwest stockpile.
- 4 inch Godwin pump – Utilized for dewatering filter press pads.
- Cat 330 Excavator –Utilized for loading material on southwest stockpile.
- Water Truck – Not Utilized.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 014 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 314

Communications: None**Tomorrow's Planned Activities****UPF**

- Continue cutting/excavating for concrete equipment pads and asphalt with the GPS guided dozer blade.
- Complete steel reinforcement work on southern filter press pad.
- Continue forming northern filter press pad for concrete.
- Commence placement of steel reinforcement in northern filter press pad.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- UPF received over 4.5 inches of rain during the weekend. Storm water accumulated in cut sub grades , which were addressed throughout the day via construction dewatering.

Photo Log:



First mat of #7 bar placed in south Filter Press Pad form.



View looking east of welded shoes completed with galvanized paint.



View looking north of cut grades around raised hex chrome areas.



Concrete core from tieback T-15.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T031-8.23.11 <u>Date:</u> 08/23/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 14 Camarato Trucking - 2 Berto – 7 Hometown Security-1 Abscope – 6 CB, Inc.-6 CTI- 3	<u>ARCADIS Personnel</u> Michael Pelenski Zachary McCoy Bill Jennings Matt Bowman	
ARCADIS Construction Supervisor: Coleman King; Matt Bowman Contractor's Supervisor: Claude Dion; Ranny McCormick; Dustin Winn Owner Representatives: Jack Rodak; Nick Mucci; Paul Bluestein USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 66F / 84F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue cutting/excavating for concrete equipment pads and asphalt with the GPS guided dozer blade. Approximately 85 % of asphalt areas and 65 % of concrete areas are complete.
- Continued stockpiling material in the southwest stockpile pad. Total estimated at 2,750 CY.
- Completed all steel and form work on south filter press pad.
- Commenced placement of steel reinforcement on north filter press pad.
- Performed construction dewatering throughout site including the northwest stockpile pad.
- Moved rain for rent tank to the NW corner of site for decon water.
- Hometown Security Guard on site at completion of work day.
- Visitors to the site included: Paul Bluestein (Tierra), Steve Kessel (B&C), and Jim Mack (Morris Rep).

OU-1

- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall.
- Visitors to the site included: Paul Bluestein (Tierra), Steve Kessel (B&C).

Project equipment on site and hours of operation (0600 to 1730)

UPF.

- 220 KVA generator – Not Utilized.
- John Deere 550H LT Dozer – Utilized for cutting grades and stockpiling material.
- John Deere GPS Dozer- Utilized for cutting grades for asphalt and concrete pads.
- Komatsu 228 Excavator – Utilized for loading cut material.
- Bomag 13 ton roller – Utilized for compacting asphalt sub grades.
- John Deere Loader – Utilized for moving materials.
- 10-Wheeler Dump Truck (2) - Utilized for moving cut material into southwest stockpile.
- 4 inch Godwin pump – Utilized for construction dewatering.
- Cat 330 Excavator –Utilized for loading material on southwest stockpile.
- Water Truck – Utilized for dust control.

OU-1

- Excavator- not utilized
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- At the end of the work day, a Weeks dock builder was degarmenting (worker was wearing proper PPE) and received /rubbed a small foreign object in his eye. He flushed the eye, declined medical attention.
- At OU-1- issued hot work permit 014 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 389

Communications:

- Weekly Progress Meeting.

Tomorrow's Planned Activities

UPF

- Continue cutting/excavating for concrete equipment pads and asphalt with the GPS guided dozer blade.
- Commence removal of Hex Chrome impacted material from treatment pad areas.
- Complete steel and form work for north filter press pad.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- At UPF, the sub grades for Slabs #9, #10, and north #11 are questionable. Abscope will continue to let sub grades dry from weekend rain and proof roll tomorrow morning (08/24).

Photo Log:



Second delivery of wales to OU-1 site.



View looking west of formed south filter press slab with completed steel reinforcement.



View Concrete core hole at tie back T-5 drilled to completion.



View looking northwest of completed cuts around hex chrome areas at UPF.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T032-8.24.11 Date: 08/24/11 Day of Week: <u>S M T [W] T F S</u>
Contractor (# personnel): Weeks- 15 Camarato Trucking - 2 Berto – 6 SECI-2 Hometown Security-1 Abscope – 7 CTI- 3	ARCADIS Personnel Michael Pelenski Zachary McCoy Bill Jennings Matt Bowman	
ARCADIS Construction Supervisor: Coleman King; Matt Bowman Contractor's Supervisor: Claude Dion; Ranny McCormick; Dustin Winn Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Jeff Kumar; Mark Kucera		
Weather: AM- Partly cloudy; PM- Sunny		Temperature: Min. 66F / 84F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed dust control activities with site water truck.
- Continued cutting/excavating clean soils for concrete equipment pads and asphalt. commenced excavation of Hex chrome impacted soils.
- Approximately 90 % of blacktop cuts are complete and 65% of concrete pad cuts are complete.
- Southwest stockpile Continue stockpiling in southwest pad. To date approximately 3,000 CY.
- Completed from work for northern and souther filter press pads to accept concrete.
- Visitors to the site included: Jim Mack (Morris Rep), George Gunkelman (Morris Rep), Geoffrey Rauscher (Morris Rep).

OU-1

- Weeks continued bolting sheets to concrete wall along king piles at OU-1.
- Weeks continued welding shoes to king piles for wale installation.
- Delivery of wales, shoes and containment pans for tie back installation.
- Continued core drilling for tie backs along OU-1 flood wall. Completed T-8.
- Visitors to the site included: Mark Kucera, Jeff Kumar (USACE).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- 220 KVA generator – Not Utilized – delivered to site for electrical power to trailers.
- John Deere 550H LT Dozer – Utilized for cutting grades and stockpiling material.
- John Deere GPS Dozer- Not utilized; Removed from site.
- Komatsu 228 Excavator – Utilized for loading cut material.
- Bomag 13 ton roller –Utilized for proof rolling sub grades.
- John Deere Loader – Utilized for moving materials.
- 10-Wheeler Dump Truck (2) - Utilized for moving cut material into southwest stockpile.
- 4 inch Godwin pump – Not utilized.
- Cat 330 Excavator –Utilized for loading material on southwest stockpile.
- Water Truck – Utilized for dust control.

OU-1

- Excavator- utilized for moving of equipment and materials.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- At OU-1- issued hot work permit 015 for cutting sheet pile. Fire watch maintained.
- New safety glasses were purchased for all Weeks site employees for OU-1. These glasses come with a seal around the eyes to minimize the potential for bug bites and small particles of dirt from entering the eye area while wearing protective gear.
- Estimated Man hours- 339

Communications: None

Tomorrow's Planned Activities

UPF

- Continue excavation of Hex Chrome impacted material.
- Continue cutting/excavating for concrete equipment pads and asphalt.
- Pour concrete in the eastern half of north and south filter press pads.

OU-1

- Continue bolting sheet pile to concrete along OU-1 flood wall.
- Continue cutting of sheet pile for coring work at OU-1 flood wall.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- At UPF, sub grades failed proof rolling for pads # 9,10, and 11. Pad areas were cut an additional 6 inches with fabric and stone placed in the areas for stabilization.

Photo Log:



View inside core T-8 at OU-1 flood wall.



Installed form for construction joint in the south filter press pad.



View looking east at UPF of top rebar mat placement in the north filter press slab.



View of additional containment pans delivered to OU-1 site for tie back and coring operations.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T033-8.25.11 <u>Date:</u> 08/25/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 15 Camarato Trucking - 2 Berto – 9 SECI-1 Jersey Essay-1 Hometown Security-1 Abscope – 6 CTI- 3	<u>ARCADIS Personnel</u> Michael Pelenski Zachary McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler		
<u>Weather:</u> AM- Cloudy; rain ; PM- Cloudy		<u>Temperature:</u> Min. 73F / 80F <u>Max.</u> <u>Wind:</u> 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue cutting/excavating for concrete equipment pads and asphalt.
- Rain shuts down Abscope excavation operations for the day at 1230.
- Jersey Essay Labs performed concrete testing during pouring of western half of both filter pres pads.
- Delivered 16 loads of concrete used for the western halves of the north and south filter press pads.
- Continued cutting/excavating clean soils for concrete equipment pads and asphalt with the GPS guided dozer.
- Delivered 128.44 tons of #67 stone for stabilizing unsuitable concrete slab sub grades.
- Southwest stockpile Continue stockpiling in southwest pad. To date approximately 3,100 CY.
- Visitors to the site included: Ted Schwartz, Mark Bava, and Geoff Rauscher (Morris). Andrew Lach (Jersey Essay Labs).

OU-1

- Weeks removed ladder for access to T-7 for core drilling.
- Weeks began preparations to wale 7w1 for fit up.
- Weeks continued welding shoes to king piles for wale installation.
- Continued core drilling for tie backs along OU-1 flood wall. Finished T-16.
- Visitors to the site included: Elizabeth Butler, Pat Hicks (USEPA), Ted Schwartz, Mark Bava (Morris), Ron Salera (CTI).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- Bomag 13 ton roller – Utilized for proof rolling concrete pad sub grades.
- 4 inch Godwin pump – Not utilized
- John Deere 550H LT Dozer – Utilized for cutting grades and stockpiling material.
- Komatsu 228 Excavator – Utilized for placing stone for sub grades.
- John Deere Loader – Utilized for moving materials.
- 10-Wheeler Dump Truck (2) - Utilized for moving cut material into southwest stockpile.
- Cat 330 Excavator –Utilized for loading material on southwest stockpile.

- Water Truck – Not Utilized.

OU-1

- Excavator- utilized for moving of equipment and materials.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stages – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 016 for cutting sheet pile. Fire watch maintained.
- Weeks Corporate Safety Manager Jeff Moser was at OU-1 reviewing safety procedures.
- Estimated Man hours- 362

Communications: None

Tomorrow's Planned Activities

UPF

- Continue cutting/excavating for concrete equipment pads and asphalt.
- Continue cutting Hex Chrome impacted material.
- Pour halves of north and south Filter Press slabs.
- Prepare site for Hurricane Irene.

OU-1

- Commence rough fit up of wale 7w1.
- Begin site preparations for hurricane.
- Continue welding shoes for wales at OU-1 flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues: None

Photo Log:



View looking west of completed shoes along OU-1 flood wall.



Commence pouring west half of north filter press pad and using power screed on concrete.



**View of staged safety equipment
along OU-1 flood wall.**



**West half of #12 Slab completed, In distance begin
to pour south #12 Slab.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T034-8.26.11 <u>Date:</u> 08/26/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 15 Camarato Trucking - 2 Berto – 9 Hometown Security-1 Abscope – 6 CTI- 3 SECI - 2 DPK - 1 JEL - 1 Williams Scotsman - 2	<u>ARCADIS Personnel</u> Michael Pelenski Zachary McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 72F / 85F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Approximately 95 % of blacktop cuts are complete and 70% of concrete pad cuts are complete.
- Visitors to the site included: George Gunkelman and Geoff Rauscher (Morris)
- Approximately 105.17 tons of #67stone to be used for stabilizing unsuitable sub grades was delivered to the site.
- 16 loads of concrete delivered to the site totaling 158 CY. Concrete used for east halves of north and south Filter Press pads.
- Complete cutting/excavating hex chrome soils for concrete equipment pads and asphalt sub grades. Trucks were deconned prior to leaving site. Approximately 200 CY of Hex Chrome soils excavated.
- Place 8 oz of geotextile and 4 inches of DGA over excavated/cut sub grades in hex chrome areas.
- Install sand box under south filter press pad.
- Pour east halves of concrete slabs for north and south filter press pads. Pads are complete.
- Jersey Essay Labs on site for concrete testing.
- DPK Consulting on site for survey work.
- The following activities were performed to prepare and secure the site for Hurricane Irene:
 - All stockpile material has been covered with multiple layers of HDPE sheeting, and secured with sand bags, and rope.
 - All equipment and material has been moved to higher grounds above the 100 year flood line (NW corner and SW corner of site).
 - All completed concrete pad excavations for sub grades have been stabilized/prepared with fabric and stone.
 - All hex chrome impacted material has been removed, stockpiled, and covered in the NW stockpile pad.
 - Geotextile and 4 inches of DGA was placed over areas where hex chrome had been excavated to cap and seal any remaining impacts that may still be in place under the required footprint excavation. 4 inches of DGA is also required by design for asphalt sub-base.
 - Cut sub grades for asphalt have been static rolled in an effort to seal and tighten up the ground.
 - Any valuables in trailers were taken off site.

- William Scotsman anchored down construction trailers.
- Visitors to the site included: George Gunkelman and Geoff Rauscher (Morris)

OU-1

- Weeks began rough fit up work on wale 7w1.
- Weeks continued welding shoes to king piles for wale installation.
- Weeks initiated hurricane preparedness for work along flood wall that included removal of all float stages and moving equipment to higher ground.
- Continued core drilling for tie backs along OU-1 flood wall. Completed T-2.
- Visitors to the site included: Dave Vosseller (Weeks).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- John Deere 550H LT Dozer – Utilized for cutting grades and stockpiling material.
- Komatsu 228 Excavator – Utilized for placing stone over concrete pad sub grades.
- John Deere Loader – Utilized for moving materials.
- 10-Wheeler Dump Truck (2) - Utilized for moving cut material into southwest stockpile.
- Cat 330 Excavator –Utilized for Hex Chrome material.
- Water Truck – Not Utilized
- Komatsu 220 Excavator – Utilized for loading soils in the northwest stockpile pad.

OU-1

- Excavator- utilized for moving of equipment and materials.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work; removed at noon due to hurricane.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 017 for cutting sheet pile. Fire watch maintained.
- Weeks Corporate Safety Manager Jeff Moser was at OU-1 reviewing safety procedures.
- Estimated Man hours- 368

Communications: None

Monday's Planned Activities

UPF

- Dewater site.
- Fine grade #67 stone sub-base for concrete slabs.

OU-1

- Set up float stages and equipment for OU-1 flood wall work (hurricane).
- Continue fit up work for wale 7w1.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues: None

Photo Log:



Weeks performing fit up work for wale 7w1.



Float stages taken out of the river as a precautionary measure due to hurricane Irene.



Installed sand box with grits lined with poly sheeting in sub grade under south filter press pad.



Application of paraffin wax for bond breaks at construction joints.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T035-8.29.11 Date: 08/29/11 Day of Week: <u>S [M] T W T F S</u>
Contractor (# personnel): Weeks- 12 SECI-1 JEL-1 Hometown Security-1 Abscope – 3 CTI- 3	ARCADIS Personnel Michael Pelenski Zachary McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak USEPA/USACE Representatives: Lucia Gamba ; Amal Niaz		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 61F / 80F Max. Wind: 0 to 12 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed construction dewatering activities throughout the day from hurricane rains.
- Site appeared to sustain no major damage from hurricane.
- Abscope began fine grading for sludge tank pads with excavator to prepare for concrete forming.
- Visitors to the site included: George Gunkleman (Morris). Andrew Lach (Jersey Essay Labs), Robert Gordon (Hometown Security).

OU-1

- Site appeared to sustain no major damage from hurricane.
- Weeks continued cutting sheets and removing concrete in order to weld shoes.
- Weeks placed float stages initiated hurricane preparedness for work along flood wall that included removal of all float stages and moving equipment to higher ground.
- Continued core drilling for tie backs along OU-1 flood wall. Completed T-9 and T-17.
- Visitors to the site included: Lucia Gamba, Amal Niaz (USACE).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- John Deere 550H LT Dozer – Not utilized.
- Komatsu 228 Excavator – Utilized for grading stone over concrete pad sub grades.
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Utilized for moving 4 inch Godwin pump
- 10-Wheeler Dump Truck(s) – Not utilized
- 4 inch Godwin pump – Utilized for construction dewatering operations.
- Cat 330 Excavator – Not utilized
- Water Truck – Not utilized.
- Komatsu 220 Excavator – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – placed back in river in AM; utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills

- 17 foot skiff- not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 018 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 180

Communications: None

Tomorrow's Planned Activities

UPF

- Continue cutting/excavating for concrete equipment pads and asphalt.
- Continue pumping water from excavations
- Begin form work for 11s concrete pad.
- Begin excavation of gravity thickener pad.

OU-1

- Continue installing bolts for sheets along OU-1 flood wall.
- Continue welding shoes on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- Project sites received 10-12 inches of rain due to Hurricane Irene. Pumping at UPF began at 0700 and continued throughout the day.

Photo Log:



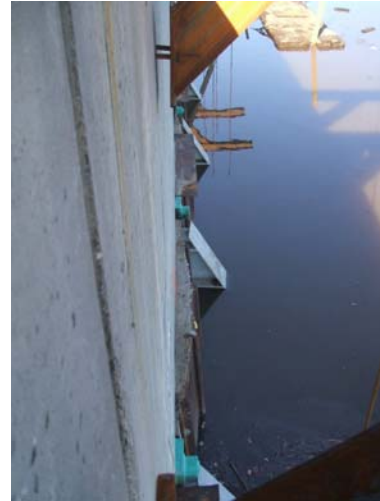
South 11 pad with standing water



**Pad 11S fine graded and ready for concrete forms
(Photo taken early morning of following day to
show previous day's work).**



View of welding of HSS member onto wale 7w1.



View of flood wall and water level looking west.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T036-8.30.11 Date: 08/30/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 14 Camarato Trucking-1 Berto-3 Hometown Security-1 Abscope – 6 CTI- 4	ARCADIS Personnel Michael Pelenski Zachary McCoy Bill Jennings Greg Ertel	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 60F / 82F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Berto began form work on the sludge tank pads.
- Abscope commenced grubbing and clearing SE area of site to extend construction support area.
- Performed construction dewatering activities throughout the day.
- Abscope began excavation of the gravity thickener pad allowing for a 6 inch #67 stone base.
- Visitors to the site included: George Gunkleman (Morris). Jim Mack (Morris), Ken Maley (USACE), Eii Electric, Robert Gordon (Hometown Security).

OU-1

- Weeks continued cutting sheets and removing concrete in order to weld shoes.
- Continued to weld shoes to king piles.
- Continued core drilling for tie backs along OU-1 flood wall.
- Visitors to the site included: Ken Maley (USACE), Jeff Moser (Weeks), Greg Ertel (ARCADIS), Ron Salera (CTI).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- Bomag 13 ton roller – Utilized to proof roll excavated pads
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck (1) - Utilized for moving material to stock piles.
- John Deere 550H LT Dozer – Not utilized.
- Komatsu 228 Excavator – Utilized for excavating material from gravity thickener.
- 4 inch Godwin pump – Utilized for construction dewatering operations.
- Cat 330 Excavator – Utilized for stockpiling materials.
- Water Truck – Not utilized.
- Komatsu 220 Excavator – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills

- 17 foot skiff- not utilized.

Health and Safety:

- Due to rising water levels in the Passaic River, core drilling work was suspended for approximately 3 hours today.
- At OU-1- issued hot work permit 019 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 272

Communications:

- Weekly Progress Meeting

Tomorrow's Planned Activities

UPF

- Continue construction dewatering activities.
- Continue form work for sludge tanks.
- Continue clearing and grubbing SE area of site.
- Continue with gravity thickener excavation efforts.
- Site visit by Nicholson to review status.

OU-1

- Continue installing bolts for sheets along OU-1 flood wall.
- Continue welding shoes on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.

Technical Issues:

- Reviewed with ARCADIS engineers difficulties associated with removal of bit for T-1. Void behind wooden wall has caused difficulty. CTI to attempt another day to remove bit from wall. Follow up necessary with Nicholson by WMI required.

Photo Log:



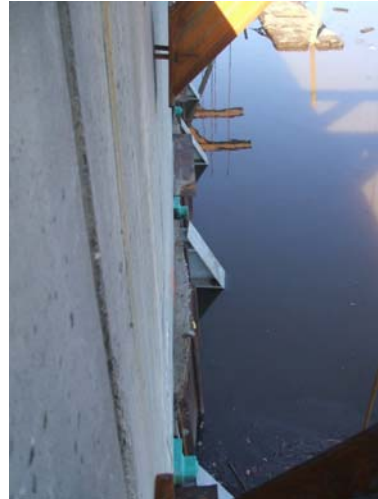
Excavation for thickener pad (VOC area left to be stockpiled separately).



Pad 11S being set up for forming by Berto.



Pad 8 being excavated and depth being checked with laser level.



View of flood wall and water level looking west.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T037-8.31.11 Date: 08/31/11 Day of Week: <u>S M T [W] T F S</u>
Contractor (# personnel): Weeks- 12 Camarato Trucking-1 Berto-4 Hometown Security-1 Abscope – 7 CTI- 3	ARCADIS Personnel Michael Pelenski Zachary M. McCoy Bill Jennings Greg Ertel	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 63F / 86F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Berto continues form work on the sludge tank pads.
- Performed construction dewatering activities throughout the day.
- Abscope completed excavation of the gravity thickener pad excepting the trenches and center core.
- Visitors to the site included: Jerry Romagnoli (Abscope), Jim Mack (Morris), Greg Ertel (ARCADIS), Marty Pinck (Hometown Security), Robert Gordon (Hometown Security).

OU-1

- Weeks continued cutting sheets and removing concrete in order to weld shoes.
- Continued to weld shoes to king piles.
- Continued core drilling for tie backs along OU-1 flood wall. Completed T-7.
- Visitors to the site included: Lucia Gamba (USACE), Jeff Moser (Weeks), Greg Ertel (ARCADIS), Paul Bluestein (Tierra), Jerry Romagnoli, Dustin Winn (Abscope).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- John Deere 550H LT Dozer – Not utilized.
- Komatsu 228 Excavator – Utilized for excavating material from gravity thickener pad.
- Bomag 13 ton roller – Utilized to proof roll excavated pads
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material to stock piles
- 4 inch Godwin pump – Utilized for construction dewatering operations.
- Cat 330 Excavator – 5 hrs; Utilized for stockpiling material
- Water Truck – Utilized for dust control
- Komatsu 220 Excavator – Utilized for stockpiling material

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills

- 17 foot skiff- not utilized. Moved back onto landfill cap storage location.

Health and Safety:

- Greg Ertel, Jeff Moser and Zachary M. McCoy performed a safety audit of both sites. Observations determined no major deficiencies. Crews at both sites are working to address any outstanding issues.
- At OU-1- issued hot work permit 020 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 293

Communications: None

Tomorrow's Planned Activities

UPF

- Continue construction dewatering activities.
- Continue form work for sludge tanks.
- Commence steel reinforcement work for sludge tanks.
- Continue clearing and grubbing SE area of site.
- Continue with gravity thickener excavation efforts.

OU-1

- Continue installing bolts for sheets along OU-1 flood wall.
- Continue welding shoes on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Site visit by Nicholson to review status of tie back work.

Technical Issues:

- Reviewed with Abscope, B&C and Tierra upcoming scheduling associated with the work at UPF. Abscope would like to start working Saturdays to ensure the 10/3 commencement date for the sediment processing equipment erection. Abscope to provide ARCADIS a detailed schedule.

Photo Log:



Additional demarcation line with cones for OU-1 flood wall.



View looking west of core drill operation on T-7.



Form work for pad 11S at UPF is complete; will install steel tomorrow.



Cut completed for gravity thickener excluding trenches and center cone.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T038-9.01.11 Date: 09/01/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 11 Camarato Trucking-1 Berto-5 Hometown Security-1 Abscope – 6 CTI- 3	ARCADIS Personnel Michael Pelenski Zachary M. McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba; Elizabeth Butler		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 68F / 80F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Abscope excavated pipe trenches in the gravity thickener pad. Dimensions and locations were verified with manufacturer's drawing obtained from SECI along with GPS coordinates. VOC materials placed separately in VOC stockpile.
- Six loads of #67 stone delivered to site.
- Pre-cast catch basins delivered to site.
- Berto continued form work on the sludge tank pads.
- Visitors to the site included: Elizabeth Butler (USEPA), Robert Gordon (Hometown Security).

OU-1

- Weeks continued cutting sheets and removing concrete in order to weld shoes.
- Continued core drilling for tie backs along OU-1 flood wall. Completed T-12.
- Weeks fit wale 7W1 with shims for final installation tomorrow.
- Visitors to the site included: Lucia Gamba (USACE), Elizabeth Butler (USEPA).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- Bomag 13 ton roller – Utilized to proof roll excavated pads
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck (1) - Utilized for moving material to stock piles.
- John Deere 550H LT Dozer – Not utilized.
- Komatsu 228 Excavator – Utilized for excavating material from gravity thickener.
- 4 inch Godwin pump – Utilized for construction dewatering operations.
- Cat 330 Excavator – Demob from site.
- Water Truck – Utilized for dust control.
- Komatsu 220 Excavator – Utilized for stockpiling soils.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills

- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. At OU-1- issued hot work permit 020 for cutting sheet pile. Fire watch maintained.
- Estimated Man hours- 276

Communications: None

Tomorrow's Planned Activities

UPF

- Pour sludge tank pad #11S.
- Continue form work for sludge tanks.
- Continue grading throughout site.
- Complete gravity thickener excavation efforts and line center of thickener.

OU-1

- Continue exposing king piles for shoes along OU-1 flood wall.
- Complete installation of wale 7W1.
- Continue core drill operations at OU-1 Flood wall.
- Site visit by Nicholson to review status of tie back work.

Technical Issues:

- A discrepancy was found during field layout efforts on the gravity thickener specific to the tank trench placement. SECI and ARCADIS engineers were contacted to confirm locations of the trenches. Both confirmed, no field time was lost.

Photo Log:



Precast catch basins delivered to UPF.



Rebar 50 % complete for sludge tank pad #11S.



Shoe #32 location has been bolted and cut. Next step is to remove concrete.



View of Weeks performing dry fit for wale 7W1.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T039-9.02.11 Date: 09/02/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 14 Camarato Trucking-1 Berto-7 JEL-1 DPK-1 AWT-4 Hometown Security-1 Abscope – 5 CTI- 3	ARCADIS Personnel Michael Pelenski Kevin Gandhi Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 66F / 82F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Receipt of 490 feet of SDR-35 storm pipe and fittings
- Used 130CY of concrete to pour south #11 slab for sludge tank.
- Approximately 7,000 gallons of water pumped in holding tank to date from dewatering activities associated with Slab #8 (gravity thickener).
- Performed construction dewatering activities throughout the day.
- Jersey Essay Labs on site for concrete testing.
- DPK on site to perform survey work.
- AWT on site on behalf of Morris to remove liquid materials from site.
- Abscope continued to clear and grub southwest corner of site for additional staging area.
- Visitors to the site included: Geoff Rauscher (Morris), Jim Mack (Morris Rep)

OU-1

- Weeks continued cutting sheets and removing concrete in order to weld shoes.
- Completed installation of wale 7W1.
- Continued core drilling for tie backs along OU-1 flood wall. Completed T-13, T-14.
- Visitors to the site included: Jeff Lewman (Nicholson).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- John Deere 550H LT Dozer – Utilized for cutting grades.
- Komatsu 228 Excavator – Utilized for placing/pouring concrete for south Slab #11 with concrete bucket.
- Bomag 13 ton roller – Utilized for static rolling sub grades.
- John Deere Loader – Utilized for moving materials to stockpiles.
- 10-Wheeler Dump Truck – Utilized for hauling material.
- 4 inch Godwin pump – Utilized for construction dewatering activities.
- Water Truck – Utilized for general site work.

- Komatsu 220 Excavator – Utilized for cutting and stabilizing sub grade for gravity thickener.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Reviewed working safe on a Friday before a long holiday weekend. Please take extra care.
- Estimated Man hours- 379

Communications:

- Scheduling meeting with Weeks attended by B&C, ARCADIS, Weeks. Reviewed work planned for September. Weeks to provide ARCADIS with update in writing on Tuesday, 9/6.

Tomorrow's Planned Activities

UPF

- Complete steel reinforcement for Slab #9 sludge tank.
- Place woven geotextile over LLDPE liner for Slab #8 and 6 inches of #67 stone over woven geotextile.

Tuesday's Planned Activities

OU-1

- Continue installing bolts for sheets along OU-1 flood wall.
- Continue welding shoes on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales along OU-1 flood wall.

Technical Issues:

- Reviewed with Jeff Lewman, Nicholson field superintendant, ARCADIS, Weeks and B&C the logistics and expectations associated with the logistics for tie back installation work. Weeks shall layout equipment as discussed. Weeks and ARCADIS to review scope with engineers on Tuesday, 9/6.

Photo Log:



**View looking down to the east of
wale 7W1 at OU-1.**



**Stabilizing unsuitable sub grade
for gravity thickener.**

View of shims on wale 7W1 on OU-1 flood wall.



**AWT removing Morris containerized
materials from UPF site.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T040-9.03.11 Date: 09/03/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): Abscope - 2 Berto - 5 Hometown Security -1	ARCADIS Personnel	
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: Jack LaLonde Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 60F / 80F Max. Wind: 5 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed construction dewatering activities on the gravity thickener sub grade.
- Began installation of geotextile and #67 stone for the center cone section of the gravity thickener pad.
- Begin placing 6 inches of #67 stone over woven geotextile for slab #8
- Completed forming and steel rebar for slab #9 sludge tank.
- Commenced form work for north slab #11 sludge tank.
- Removed utility pole in parking area for site operations.

OU-1- no work performed

Project equipment on site and hours of operation (0600 to 1600)

UPF

- John Deere 550H LT Dozer – Not Utilized
- Komatsu 228 Excavator – Not Utilized
- 10-Wheeler Dump Truck – Not utilized.
- Bomag 13 ton roller – Utilized for static rolling sub grades.
- John Deere Loader – Utilized for moving materials to stockpiles.
- 10-Wheeler Dump Truck – Utilized for hauling material.
- 4 inch Godwin pump – Utilized for construction dewatering activities.
- Water Truck – Utilized for general site work.
- Komatsu 220 Excavator – Utilized for cutting and stabilizing sub grade for gravity thickener.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – Not utilized.
- Weeks man lift and float stations – Not utilized.
- Weeks welding machines and generators – Not utilized
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 80

Communications: None

Tuesday's Planned Activities

UPF

- Pour Slab #9 sludge tank.
- Place woven geotextile over LLDPE liner for Slab #8 and 6 inches of #67 stone over woven geotextile.

OU-1

- Continue installing bolts for sheets along OU-1 flood wall.
- Continue welding shoes on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales along OU-1 flood wall.

Technical Issues: None.

Photo Log:



Placed woven geotextile over LLDPE liner for gravity thickener slab #8.



Placing #67 stone over woven geotextile for gravity thickener slab #8. Center filled with water.



Reinforced steel in sludge tank #9 concrete pad.



Sludge tank #11 stripped of forms.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T041-9.06.11 <u>Date:</u> 09/06/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 10 Camarato Trucking-1 Berto Const.-7 SECI-1 JEL-1 EII Electric- 1 Hometown Security-1 Abscope – 6 CTI- 3	<u>ARCADIS Personnel</u> Michael Pelenski Zachary M. McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- Rain; PM- Rain		Temperature: Min. 62F / 71F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Due to heavy rain conditions, Berto ceased work operations at 1100 for the day.
- Continue to perform site work associated with the SE support area.
- Performed construction dewatering activities throughout day.
- JEL on site to drop off report for 9/2.
- Commenced electrical installation work for site trailers.
- Received steel reinforcement bars for sludge tank 11N; 6 truckloads of DGA; 2 loads #67 stone.
- Commenced general grading for concrete pads located in water Treatment Pad.
- Guardian Fence on site to provide cost estimate to enlarge gate width for site (upcoming equipment deliveries)
- Visitors to the site included: Ken Maley (USACE), Jim Mack (Morris), George Gunkelman (Morris), Kenny Nail (Guardian Fence)

OU-1

- Weeks continued cutting sheets and removing concrete in order to weld shoes.
- Continued core drilling for tie backs along OU-1 flood wall. None Completed.
- Visitors to the site included: Ken Maley (USACE).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- John Deere 550H LT Dozer – Not utilized.
- Komatsu 228 Excavator – Utilized for rough grading of support area
- Bomag 13 ton roller – Utilized for rolling DGA in support area
- John Deere Loader – Utilized for moving construction materials.
- 10-Wheeler Dump Truck – Utilized for moving stone from quarry
- 4 inch Godwin pump – Utilized for continuous construction dewatering

- Water Truck – Not utilized
- Komatsu 220 Excavator – Not utilized

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 290

Communications:

- Weekly progress meeting held.

Tomorrow's Planned Activities

UPF

- Perform construction dewatering operations.
- Continue installation of construction support areas.
- Install steel reinforcement for sludge tank pad #11N.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues:

- Reviewed with ARCADIS engineers and Weeks various construction topics associated with tie back installation. ARCADIS to provide a sequence of tie backs to be drilled. Based on this sequence, Weeks can provide ARCADIS with a layout of equipment for drilling.

Photo Log:



Electrician commenced work to hook up site trailers to generator.



Forming for sludge tank pad 11N complete; awaits rebar installation.



Drilling core hole T-11.



View looking east along OU-1 flood wall.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T042-9.07.11 Date: 09/07/11 Day of Week: <u>S M T [W] T F S</u>
Contractor (# personnel): Weeks- 10 Camarato Trucking-1 Berto Const.-7 SECI-1 EII Electric- 1 Hometown Security-2 Abscope – 7 CTI- 3	ARCADIS Personnel Michael Pelenski Zachary M. McCoy Bill Jennings Matt Bowman Rob Reed Bob Romagnoli	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick; Dustin Winn Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Rain; PM- Rain		Temperature: Min. 67F / 71F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Stone delivered to site: 311.01 T – DGA; 137.57 T- #67 stone.
- As a result of rain, additional construction dewatering was required on site. Two additional 4 inch pumps were delivered to the site.
- Abscope completed placing geotextile and #67 stone over previously installed LLDPE liner for Slab #8 (gravity thickener) sub grade.
- Abscope completed installation of 6,000 sq. ft. construction support area in SE corner of site.
- Berto continued installation of steel reinforcement for sludge tank pad 11N (75% complete)
- Continued electrical installation work for site trailers.
- Visitors to the site included: Geoff Rauscher (Morris); Bob Romagnoli, Matt Bowman, Rob Reed (ARCADIS); Paul Bluestein (Tierra)

OU-1

- Weeks performed field welding and modification to wale 6w2.
- Weeks prepared additional areas for core drilling including moving of platforms and drip pans.
- Continued core drilling for tie backs along OU-1 flood wall. T-11 Completed.
- Visitors to the site included: Matt Bowman, Rob Reed, Bob Romagnoli (ARCADIS), Paul Bluestein (Tierra), Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere 550H LT Dozer – Utilized to grade SE support area.
- Komatsu 228 Excavator – Utilized for rough grading of support area
- Bomag 13 ton roller – Utilized for rolling DGA in support area
- John Deere Loader – Utilized for moving construction materials.
- 10-Wheeler Dump Truck – Utilized for moving stone from quarry
- 4 inch Godwin pump – Utilized for continuous construction dewatering
- 4 inch Hertz Pump (2)- Delivered and utilized for construction dewatering.
- Water Truck – Not utilized

- Komatsu 220 Excavator – Not utilized

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Kathleen Haskey on site for HSE at OU-1.
- Estimated Man hours- 341

Communications: None

Tomorrow's Planned Activities

UPF

- Perform construction dewatering operations.
- Complete excavation for pump station.
- Continue installation of construction support areas.
- Complete installation of steel reinforcement for sludge tank pad #11N.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues:

- UPF site continues to have construction impacts due to the significant volume of water that collects on the project site.

Photo Log:



Looking west, barriers set up to demarcate the PFD restriction zone.



T-11 core drill work complete. Next step is to seal the core drill hole.



RCA material placed under generator, control panel and fuel tank due to continued water events.



An additional 4-inch pump delivered to site and utilized for construction dewatering.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T043-9.08.11 <u>Date:</u> 09/08/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 Camarato Trucking - 3 Berto Const - 7 SECI – 1 EII Electric - 1 Hometown Security-2 Abscope – 7 CTI- 3	<u>ARCADIS Personnel</u> Michael Pelenski Zachary M. McCoy Bill Jennings Matt Bowman Rob Reed Bob Romagnoli	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak; Nick Mucci; Paul Bluestein USEPA/USACE Representatives: Ken Maley		
<u>Weather:</u> AM- Rain; PM- Rain / Partly Cloudy		<u>Temperature:</u> Min. 64F / 74F Max. <u>Wind:</u> 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Start of work delayed one hour due to lightning strikes and heavy rain.
- Berto completes installation of reinforcement bar in Slab 11N
- Berto completes building 9'x9' base for Slab 8 (gravity thickener pad)
- Abscope excavated for the pump station.
- Stone delivered to site: 45.75 T – 2.5 inch stone (2 loads); 119.37 T- #67 stone (5 loads).
- As a result of rain, continued construction dewatering was required on site.
- Abscope completed placing geotextile and #67 stone over previously installed LLDPE liner for Slab #8 (gravity thickener) sub grade.
- Abscope completed installation of 6,000 sq. ft. construction support area in SE corner of site.
- Berto completed installation of steel reinforcement for sludge tank pad 11N.
- Completed electrical installation work for site trailers.
- Visitors to the site included: Matt Bowman (ARCADIS) , Roberto Viera (All-in-one Fencing).

OU-1

- A stop work was issued upon arrival at the site due to thunder, lightning and heavy rains. Work resumed at approximately 0745.
- Weeks performed field welding and modification to wale 6w2.
- Installed US flag on project site in observance of upcoming 9-11 anniversary.
- Weeks prepared additional areas for core drilling including moving of platforms and drip pans.
- Continued core drilling for tie backs along OU-1 flood wall. T-10 core drill bit broke and remains lodged in the hole. ARCADIS engineers notified of same.
- Visitors to the site included: Matt Bowman, Rob Reed, Bob Romagnoli (ARCADIS), Paul Bluestein (Tierra), Jerry Romagnoli (Abscope) , Ken Maley (USACE), Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere 550H LT Dozer – Not utilized
- Komatsu 228 Excavator – Utilized for grading gravity thickener and excavating for pump station

- Bomag 13 ton roller – Not utilized
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material
- 10-Wheeler Dump Truck(2) – Utilized for moving stone from quarry
- 4 inch Godwin pump – Utilized for continuous construction dewatering
- 4 inch Hertz Pump (2)- Delivered and utilized for construction dewatering.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Jeff Moser on site for HSE at OU-1.
- Estimated Man hours- 299

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will complete steel reinforcement work for the 9'x9' base on the gravity thickener slab #8.
- Berto will concrete pour tank slabs 9, 11N, and the 9'x9' base on gravity thickener.
- Abscope will install the process pad concrete pump station and begin installation of piping.
- Perform construction dewatering operations.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues:

- U T-10 core drill bit broke and remains lodged in the hole. ARCADIS engineers notified of same.
- UPF site had significant water collection that required all day to handle.

Photo Log:



Looking south along Blanchard Street from the project entrance.



Groundwater encountered at approximately 4 feet above sub grade for pump station at UPF.



Tank slab # 11N is ready for concrete.



American flag installed at OU-1 in honor of upcoming 9-11 anniversary.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T044-9.09.11 <u>Date:</u> 09/09/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 15 Camarato Trucking - 3 Berto Const - 13 SECI – 1 JEL - 1 Hometown Security – 1 Jensen (Crane) -1 Abscope – 6 CTI- 4	<u>ARCADIS Personnel</u> Michael Pelenski Zachary M. McCoy Bill Jennings Rob Reed Bob Romagnoli	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ranny McCormick Owner Representatives: Jack Rodak USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Partly cloudy; PM- Partly cloudy		Temperature: Min. 68F / 87F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Surrogate sampling boxes were installed under tank slabs 9 and 11N at predetermined locations.
- Berto completes form and rebar work on 9'x9' base of gravity thickener.
- Berto pours 197 CY (21 trucks) of concrete for tank slabs 9, 11N, and 9'x9' base of gravity thickener.
- Abscope installs liner, geotextile, precast pump station, 30 CY of flowable fill (3 trucks) and three sections of pipe surrounding the pump station.
- Stone delivered to site: 293.97- DGA stone (12 loads); 42.48 T- 2.5 inch stone (2 loads).
- VOC and hexavalent chromium impacted materials are sampled and sent for characterization analysis
- Visitors to the site included: Rob Reed (ARCADIS), Jim Mack, Geoff Rauscher (Morris).

OU-1

- Weeks dry fit wale 6w2.
- Weeks prepared additional areas for core drilling including moving of platforms and drip pans.
- Continued core drilling for tie backs along OU-1 flood wall. T-18 was completed.
- Visitors to the site included: Bob Romagnoli (ARCADIS), Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere 550H LT Dozer – Utilized for stockpiling delivered DGA.
- Komatsu 228 Excavator – Utilized for excavating for pump station and trenches
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material and pouring concrete
- 10-Wheeler Dump Truck(2) – Utilized for moving stone from quarry
- 4 inch Godwin pump – Utilized for continuous construction dewatering
- 4 inch Hertz Pump (2) - Utilized for construction dewatering.
- 100 ton Liebherr crane – used to offload and set pump station.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. ARCADIS, USACE and Weeks performed a site safety walk.
- Estimated Man hours- 432

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will remove forms from sludge tank pads.
- Berto will begin forming gravity thickener.
- ARCADIS to set up trailer furniture.

OU-1 No work planned

Technical Issues: None

Photo Log:



**Surrogate sampling box installed
under tank pad 11N.**



Berto pouring sludge tank pad #9.



Pouring concrete in 9'x9' base for gravity thickener.



Pipes installed on pump station and backfilled with flowable fill.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T045-9.10.11 <u>Date:</u> 09/10/11 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Berto Const - 6 Hometown Security-1	<u>ARCADIS Personnel</u> Zachary M. McCoy Bill Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy; PM- Partly cloudy		Temperature: Min. 71F / 81F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Berto commences stripping forms from slabs 11N and 9.
- Set up construction trailers with furniture.
- Berto commences forming of gravity thickener pad.

OU-1- No work performed

Project equipment on site and hours of operation (0600 to 1530)

UPF

- John Deere 550H LT Dozer – Not utilized
- Komatsu 228 Excavator – Not utilized
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Not utilized.
- 10-Wheeler Dump Truck – Not utilized.
- Water Truck – Not utilized
- Komatsu 220 Excavator – Not utilized.
- 10-Wheeler Dump Truck (2) – Not utilized.
- 4 inch Godwin pump – Utilized for continuous construction dewatering
- 4 inch Hertz Pump Utilized for continuous construction dewatering.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – Not utilized.
- Weeks man lift and float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 77

Communications: None

Monday's Planned Activities

UPF

- Berto will begin forming gravity thickener pad.

- Abscope continues to install storm piping.
- Perform construction dewatering operations.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues: None

Photo Log:



Forms stripped from Slab 11N.



Forms stripped from Slab 9.



Berto forming Slab 8 (gravity thickener).



Berto forming Slab 8 (gravity thickener).

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T046-9.12.11 <u>Date:</u> 09/12/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 14 CTI- 3 Williams Scotsman - 2 Abscope – 6 Camarato Trucking - 1 Berto Const - 5 SECI – 1 Hometown Security – 1 Abscope – 6	<u>ARCADIS Personnel</u> Michael Pelenski Zachary M. McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 66F / 83F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Stone box

Contractor's Activities, Visitors, Remarks:

- Abscope continued installation of the storm system. Activities included:
 - Complete backfilling of area around pump station with #67 stone
 - Approximately 150 feet of pipe installed
 - Installation of 2 catch basins
- Stone delivered to site: 165.09- DGA stone (7 loads); 115.39 T- #67 stone (5 loads).
- Williams Scotsman installs skirts to underside of site trailers.
- Berto continues forming gravity thickener pad #8.
- Visitors to the site included: Jim Mack, Geoff Rauscher (Morris).

OU-1

- Weeks secured wale 6w2.
- Weeks continued preparing king piles for shoes and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. T-21 was completed.
- Visitors to the site included: Kathleen Haskey (Weeks), Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1630)

UPF

- John Deere 550H LT Dozer – Utilized for stockpiling delivered DGA.
- Komatsu 228 Excavator – Utilized for excavating and backfilling trenches
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material.
- 4 inch Godwin pump – Utilized for continuous construction dewatering

- 4 inch Hertz Pump (2) - Utilized for construction dewatering.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Kathleen Haskey, Weeks safety officer is on site. Reviewed housekeeping efforts at OU-1 site.
- Estimated Man hours- 321

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will continue with form work on gravity thickener slab 8.
- Berto will begin formwork on tank slab 10
- Abscope will continue installing storm water pipe.
- Abscope will begin rough grading areas that are to have aggregate improved surfaces installed.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues: None

Photo Log:



View looking east along OU-1 flood wall of installed wales.



Placement of Wale 7w1 and 6w2 on shoe #64.



**Cutting sheet for placement of shoe
along OU-1 flood wall.**



Cone form for gravity thickener pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T047-9.12.11 Date: 09/13/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 14 CTI- 3 Williams Scotsman - 4 Abscope – 6 Camarato Trucking - 1 Berto Const - 5 SECI – 1 Hometown Security – 1	ARCADIS Personnel Michael Pelenski Zachary M. McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: Jack Rodak; Nick Mucci; Paul Brzozowski USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 66F / 86F Max. Wind: 0 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Abscope begins rough grading perimeter areas that will have DGA improvement
- 4000 square foot of liner was delivered and installed adjacent to the NE staging pad for the storage of more clean materials.
- Abscope continued installation of the storm system. Activities included:
 - Removal of large obstruction to install pipe near catch basin #8.
 - Approximately 195 feet of pipe installed
 - Installation of 2 catch basins (1,9)
- Berto continues to form tank slab #10.
- Safety construction fence was installed surrounding the generator and fuel tank on site.
- Williams Scotsman installs skirts to underside of all site trailers.
- Berto continues forming gravity thickener pad #8.
- Visitors to the site included: Jim Mack, Geoff Rauscher (Morris), Dave Gerber (ARCADIS), Paul Brzozowski (Tierra).

OU-1

- Adjusted starting time for commencement of work to 0630.
- Weeks bolting and cutting sheets; removing concrete from king piles.
- Weeks continued setting shoes on king piles and welding of same.
- Williams Scotsman installs skirt to underside of shower trailer.
- Continued core drilling for tie backs along OU-1 flood wall. T-19, T-20 were completed.
- Visitors to the site included: Dave Gerber (ARCADIS), Paul Brzozowski (Tierra).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H LT Dozer – Utilized for rough grading and staging pad.
- Komatsu 228 Excavator – Utilized for excavating and backfilling trenches
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles

- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material and extending stockpile staging area.
- 4 inch Godwin pump – Utilized for continuous construction dewatering
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 321

Communications:

- Weekly Progress Meeting

Tomorrow's Planned Activities

UPF

- Berto will continue with form work on gravity thickener slab 8.
- Berto will complete steel work on tank slab 10.
- Berto will begin as available forming WWTP pads.
- Abscope will continue installing storm water pipe.
- Abscope will continue rough grading areas that are to have aggregate improved surfaces installed.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues:

- Approximately 15 ft east of Catch Basin 8 on the UPF site, Abscope had to remove a 2.5 CY piece of concrete not previously disclosed. Once removed, fabric and stone was utilized to fill the excess void.

Photo Log:



Abscope installing drain pipe between catch basins #8 and #9.



Construction fence installed around generator and fuel tank for safety considerations.



2.5 CY obstruction encountered while installing pipe.



Con Tank slab # 10- forming and rebar both at 50% complete.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T048-9.14.11 Date: 09/14/11 Day of Week: <u>S M T [W] T F S</u>
Contractor (# personnel): Weeks- 11 CTI- 3 Abscope – 6 Camarato Trucking - 1 Berto Const - 5 SECI – 2 Hometown Security – 1	ARCADIS Personnel Michael Pelenski Zachary M. McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci; Paul Bluestein USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 69F / 88F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Berto completes forming tank pad 10 and installing rebar
- Stone delivered to site: 153.01- DGA stone (6 loads); 175.48 T- #67 stone (7 loads).
- Installed approximately 4000 square foot of liner adjacent to the NE staging pad for the storage of more clean materials.
- Abscope continued installation of the storm system. Activities included:
 - Approximately 138 feet of pipe installed with elbows.
 - Installation of 2 catch basins (8,7)
- Berto commences forming and installing rebar on WTP pad #4.
- Visitors to the site included: Jim Mack (Morris), Paul Bluestein (Tierra), Carlie Thompson (Tierra), Dennis Farley (TIG), Jen Wilson (TIG), Beth Church (TIG), Eduard Evens (TIG), Alan Hebert (ARCADIS)

OU-1

- Weeks bolting and cutting sheets; removing concrete from king piles.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. T-22 was completed.
- Visitors to the site included: Paul Bluestein (Tierra), Carlie Thompson (Tierra), Dennis Farley (TIG), Jen Wilson (TIG), Beth Church (TIG), Eduard Evens (TIG), Alan Hebert (ARCADIS), Lucia Gamba (USACE)

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H LT Dozer – Utilized for stockpiling stone.
- Komatsu 228 Excavator – Utilized for excavating and backfilling trenches
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material and extending stockpile staging area.
- 4 inch Godwin pump – Utilized for construction dewatering
- 4 inch Hertz Pump – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 294

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will continue to form and install rebar on small pad slabs located in the water treatment area.
- Abscope will complete fine grading for concrete prep work the small pads located in the water treatment area.
- Abscope will continue storm piping and catch basin installation.
- Abscope will continue rough grading areas that are to have aggregate improved surfaces installed.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues: None

Photo Log:



View of existing king pile prepped for welding of a shoe with tie back location immediately left.



View of freshly welded shoe.



**View of OU-1 wall looking west
along water's edge.**



**Catch basin CB-7 (far) and CB-8 (near)
Installed.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T049-9.15.11 Date: 09/15/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 14 CTI- 3 Abscope – 6 Camarato Trucking - 1 Berto Const - 6 SECI – 2 Guardian Fence - 2 Hometown Security – 1	ARCADIS Personnel Michael Pelenski Zachary M. McCoy Bill Jennings Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- Cloudy; PM- Rain		Temperature: Min. 55F / 78F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Guardian Fence on site to begin widening entrance of main gate.
- Abscope completed fine grade for concrete work for pads # 2 through #7.n
- Abscope begins fine grade for concrete work for pad #1 field (6 slabs)
- Abscope continues to rough grade area to receive improve aggregate surface
- Berto forms and installs rebar on Slabs 2,3,4,5 and 6, 7.
- Visitors to the site included: Tony Berto Jr. (Berto Construction), Ken Maley (USACE)

OU-1

- Weeks bolting and cutting sheets; removing concrete from king piles.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. T-23 was completed.
- Visitors to the site included: Adam Chwalibog (ARCADIS), David Anaie (Nicholson).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H LT Dozer – Utilized for stockpiling stone.
- Komatsu 228 Excavator – Utilized for excavating and backfilling trenches
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material and extending stockpile staging area.
- 4 inch Godwin pump – Utilized for construction dewatering
- 4 inch Hertz Pump – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.

- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Kathleen Haskey and Zach McCoy perform a site walk.
- Estimated Man hours- 329

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will pour concrete for pad #'s 2, 3,4,5,6 and 10.
- Abscope will continue storm piping and catch basin installation.
- Abscope will continue rough grading areas that are to have aggregate improved surfaces installed.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.

Technical Issues:

- While cutting to sub grade for WTP #1 pads, several large obstructions were encountered. Because of the voids left and to regain sub surface stability, each row of pads were combined. Forms will be built separately within the stone bases.
- A tieback review meeting was held with Nicholson, Weeks and ARCADIS engineers to review and address outstanding issues specific to upcoming tie back installation. A summary of points covered is to be sent to participants.

Photo Log:



**View of OU-1 wall looking west
along water's edge.**



Close up of core drilling operation.



Berto forming WTP pad # 7.



WTP pads # 2 & # 3 are ready to receive concrete.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T050-9.16.11 <u>Date:</u> 09/16/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 15 CTI- 3 Abscope – 6 Camarato Trucking - 1 Berto Const - 12 SECI – 1 JEL-1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci; Paul Bluestein USEPA/USACE Representatives: Mark Kucera, Jeff Kumor, Elizabeth Butler		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 51F / 69F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

Materials and Equipment Delivered

- Installed sand box in sub grade of Slab 4 per specifications.
- Berto begins to place steel reinforcement for Slab 8 (Gravity Thickener).
- Berto pours concrete for Slab 2, 3, 4, 6, 7 and 10 totaling 148 CY in 15 truckloads.
- JEL on-site for concrete testing.
- Abscope continues rough grading perimeter areas that will have DGA improvement
- Rebar for gravity thickener #8 arrives.
- Abscope continued installation of the storm system. Activities included:
 - Approximately 184 feet of pipe installed
 - Installation of 1 catch basin (5)
- Abscope received 42.25 T (2T) of #67 stone for stabilizing unsuitable sub grades.
- ARCADIS performed SWPPP inspection.
- Visitors to the site included: Tony Berto, Jr. (Berto), Mark Kucera, Jeff Kumor (USACE); Elizabeth Butler (USEPA); Paul Bluestein (Tierra).

OU-1

- Weeks bolting and cutting sheets; removing concrete from king piles.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. T-24, T-25 were completed.
- Visitors to the site included: Mark Kucera, Jeff Kumor (USACE); Elizabeth Butler (USEPA); Paul Bluestein (Tierra).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- John Deere Backhoe – Delivered by Berto to site for use-Utilized for moving and placing steel for Slab 8 (Gravity Thickener).
- John Deere 550H LT Dozer – Utilized for rough grading and slab 1.
- Komatsu 228 Excavator – Utilized for excavating and backfilling trenches
- Bomag 13 ton roller – Not utilized

- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material.
- 4 inch Godwin pump – Not utilized.
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Reviewed results of site walk that included better housekeeping at OU-1.
- Estimated Man hours- 310

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will remove form work from WTP pads; Tank 10 pad.
- Berto will begin forming GAC pads.
- Berto will commence steel work for GAC pads.
- DPK will perform survey work throughout site.

OU-1

- Repair front gate.

Technical Issues:

- Ran into difficulties stabilizing sub grade at catch basin #5.

Photo Log:



Core drilling T-24 and T-25.



Finishing concrete tank pad # 10.



Close up of core drilling operations.



Installation of catch basin # 5.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T051-9.17.11 Date: 09/17/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): Berto Const - 10 DPK-1 Gate Security Corp.-2	ARCADIS Personnel	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Mostly cloudy		Temperature: Min. 51F / 69F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Berto took delivery of one load of formed rebar for gravity thickener pad.
- Berto stripped forms from Tank 10; WTP pads.
- Berto continued steel work for gravity thickener.
- Berto commenced forming and setting steel for GAC pads #1.
- DPK performed survey work throughout site, checking grades, pad locations, elevations.

OU-1

- Gate Security Corp on site to install new gate pads.
-

Project equipment on site and hours of operation (0600 to 1530)

UPF

- John Deere 550H LT Dozer – Not utilized.
- Komatsu 228 Excavator – Utilized for offloading steel from truck.
- Bomag 13 ton roller – Not utilized
- John Deere Loader – Not utilized.
- 10-Wheeler Dump Truck – Not utilized.
- Water Truck – Not utilized
- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T Crane – Not utilized.
- Weeks man lift and float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Reviewed use of PPE for hand work.
- Estimated Man hours- 125

Communications: None

Monday's Planned Activities

UPF

- Berto will remove form work from WTP pads.
- Berto will continue forming and installing steel for remaining WTP pads.
- Berto will continue installing steel work for gravity thickener pad #8.
- Abscope will begin sub grade work in area of asphalt process pad.
- Abscope will complete installation of remaining catch basins.
- Abscope will complete installation of remaining storm pipe.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Receive delivery of fluids management system components.

Technical Issues: None

Photo Log:



Cone for gravity thickener placed in center of pad.



Berto performing layout work for GAC pad #1 (1 of 6 pads).



DPK performing survey work throughout site.



DPK checking grades and final elevations.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T052-9.19.11 <u>Date:</u> 09/19/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 15 CTI- 3 Abscope – 6 Camarato Trucking - 1 Berto Const - 12 SECI – 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak. USEPA/USACE Representatives: Lucia Gamba, Ken Maley (USACE)		
Weather: AM- Sunny; PM- Partly cloudy		Temperature: Min. 53F / 69F Max. Wind: 5 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Installed 8 surrogate sampling boxes throughout the site.
- Berto continues to place steel reinforcement for Slab 8 (Gravity Thickener).
- Berto continues to form the six slab 1's.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Abscope continued installation of the storm system. Activities included:
 - Approximately 90 feet of pipe installed
 - Installation of 2 catch basins (2,6)
- Stone delivered to site: 52.93 T- DGA stone (21 loads); 50.17 T- #67 stone (2 loads).
- Visitors to the site included: Tony Berto Jr. (Berto Construction), Ken Maley (USACE), Jim Mack, George Gunkleman (Morris).

OU-1

- Delivery of sand filter and holding tank for fluid management system.
- Delivery of second crane to site for tie back installation operations.
- Weeks bolting and cutting sheets; removing concrete from king piles.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. T-28 was completed.
- Visitors to the site included: Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- John Deere 550H LT Dozer – Utilized for rough grading improved aggregate areas.
- Komatsu 228 Excavator – Utilized for excavating and backfilling trenches
- Bomag 13 ton roller – Utilized for proof rolling concrete slab sub grades.
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material.
- 4 inch Godwin pump – Not utilized.

- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- delivered to site.
- All Terrain 50 T Crane – utilized for movement of equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 387

Communications:

- Site meeting held to discuss fluids management system operations.

Tomorrow's Planned Activities

UPF

- Abscope will continue grading sub-base
- Berto will continue installing rebar on gravity thickener.
- Berto will continue steel work for GAC pads.
- Abscope will install grout in catch basins.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Begin assembly of piping for FMS.

Technical Issues:

- During excavation of catch basins #2 and # 6, groundwater was encountered and sub grades were deemed unstable. Waters were pumped from each excavation, geotextile placed and topped with 2.5 inch stone. No time lost.

Photo Log:



Dry fit installation of 7W2 wale.



Sand filter and materials for fluids management system.



Close up of mater king pile cleaned and ready for shoe installation.



Pipe laser used to ensure constant pipe slope.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T053-9.20.11 Date: 09/20/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 18 CTI- 3 Abscope – 6 Camarato Trucking - 1 Berto Const - 12 SECI – 2 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Rain; PM- Mostly cloudy/drizzle		Temperature: Min. 59F / 67F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Abscope commences grouting of catch basins.
- Berto continues to place steel reinforcement for Slab 8 (Gravity Thickener).
- Berto continues to form and install rebar in the six slab 1's.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Stone delivered to site: 729.10 T- DGA stone (29 loads).

OU-1

- Installed 7W2 wale.
- Weeks bolting and cutting sheets; removing concrete from king piles.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. No cores completed.
- Visitors to the site included: William Lindsey (Pine), Kathleen Haskey (Weeks).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- John Deere 550H LT Dozer – Utilized for rough grading improved aggregate areas.
- Komatsu 228 Excavator – Utilized for excavating material from grading
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Utilized for moving material from excavation to stock piles
- Water Truck – Not utilized
- Komatsu 220 Excavator – Utilized for stockpiling material.
- 4 inch Godwin pump – Not utilized.
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.

- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Personnel monitoring device supplier provided training class to site personnel for use of hand held instruments used on site.
- Estimated Man hours- 412.5

Communications:

- Weekly Progress Meeting.

Tomorrow's Planned Activities

UPF

- Abscope will continue grading sub-base
- Berto will continue installing rebar on gravity thickener.
- Berto will continue steel work for GAC pads.
- Abscope will continue to install grout in catch basins.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Begin assembly of piping for FMS.

Technical Issues: None

Photo Log:



View of three installed wales along OU-1 wall.



Wood and concrete cores inside drilling pan.



Finalized surrogate sampling box.



Abscope rough grading and rolling on eastern edge of asphalt pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T054-9.21.11 <u>Date:</u> 09/21/11 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 18 CTI- 3 Abscope – 7 Camarato Trucking - 1 Berto Const - 12 SECI – 2 DPK-1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy Matt Bowman	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley, Jeff Kumor		
Weather: AM- mostly cloudy; PM- Mostly cloudy		Temperature: Min. 62F / 75F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- DPK on site to verify cuts and fills on asphalt sub-base.
- Abscope completes grouting of catch basins using non-shrink grout.
- Berto continues to place steel reinforcement for Slab 8 (Gravity Thickener).
- Berto completes installation of in the six slab 1's.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Stone delivered to site: 794.85 T- DGA stone (31 loads).
- Visitors to the site included: Justin Lis (Clean Harbors), Darrell Pierce (Clean Harbors), Don Ivey (Calgon), Stephanie Carr (Calgon)

OU-1

- Scour protection survey work was performed along the western boundaries of the placement zone.
- Weeks bolting and cutting sheets; removing concrete from king piles.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. T-28, T-29 completed.
- Visitors to the site included: Jeff Moser (Weeks), Luis Castro, Phil Liberti, Neil Rogers (EPIC), John McNally (Clean Harbors), Jeff Kumor (USACE).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H LT Dozer – Utilized for rough grading improved aggregate areas.
- Komatsu 228 Excavator – Utilized for excavating material from grading
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials
- 10-Wheeler Dump Truck – Not utilized
- Water Truck – Utilized to supply water for grout mix.
- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized.
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 419

Communications:

- Meeting held on site with ARCADIS, Weeks, EPIC and Clean Harbors to discuss logistics of drill cuttings containers.

Tomorrow's Planned Activities

UPF

- Abscope will continue grading sub-base
- Storm water system to be tested.
- Berto will continue installing rebar on gravity thickener.
- Berto will pour concrete for GAC pads (6).
- Compaction testing for asphalt sub base to be performed.

OU-1

- Continue installing bolts as necessary for sheets along OU-1 flood wall.
- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Delivery of additional holding tanks for fluid management system.
- Begin assembly of piping for FMS.

Technical Issues: None

Photo Log:



Sour protection survey, marker set in river.



GAC slabs with finished rebar (ready to pour).



Grout installed around pipe in Catch Basin 7.



Grading DGA for asphalt sub base.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T055-9.22.11 Date: 09/22/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 19 CTI- 3 RFR-3 Abscope – 6 Berto Const - 12 SECI – 2 Jersey Essay – 2 Guardian -2 JFC-1 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Matt Bowman Barbara Orchard Rob Reed	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ray Basso, Elizabeth Butler, Lucia Gamba		
Weather: AM- mostly cloudy; drizzle PM- Mostly cloudy		Temperature: Min. 69F / 81F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Jersey Essay Labs commences compaction testing on finished sub grades for asphalt.
- Jersey Essay Labs performs on site concrete testing during pour.
- JFC commences testing of storm sewer system. All piping successfully passed both leak and deflection testing.
- Guardian Fence welds 6 foot extensions onto front entrance gate.
- Berto continues to place steel reinforcement for Slab 8 (Gravity Thickener).
- Berto pours 149 CY of concrete in the six slab 1's.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Stone delivered to site: 720.26 T- DGA stone (29 loads).
- Visitors to the site included: Rob Reed, Barbara Orchard (ARCADIS), Jim Mack (Morris), Elizabeth Butler, Ray Basso (USEPA).

OU-1

- Scour protection survey work was performed along the eastern boundaries of the placement zone.
- Rain for Rent delivered remaining process equipment for Fluids Management System.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. T-30 completed.
- Visitors to the site included: Rob Reed, Barbara Orchard (ARCADIS), Lucia Gamba (USACE), Elizabeth Butler, and Ray Basso (USEPA).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H GPS Dozer – Utilized for fine grading improved aggregate areas.
- Komatsu 228 Excavator – Utilized for excavating material from grading
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials.
- Water Truck – Not utilized.

- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized.
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 456

Communications:

- Meeting held in Edison to discuss UPF activities.

Tomorrow's Planned Activities

UPF

- Abscope will continue grading sub-base
- Storm water system catch basins to be tested.
- Berto will continue installing rebar on gravity thickener.
- Berto will strip forms from GAC pads (6).
- Continue compaction testing for asphalt sub base.

OU-1

- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Begin assembly of piping for FMS.

Technical Issues: None

Photo Log:



GAC pads poured.



Keyway forms being installed on gravity thickener.



Front gate being extended to accommodate equipment.



Pipeline between pump station and CB-1 being pressure tested.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T056-9.23.11 <u>Date:</u> 09/23/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 15 CTI- 3 Abscope – 6 Berto Const - 12 SECI – 2 Jersey Essay – 1 Guardian -3 JFC-1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy Barbara Orchard Rob Reed	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- mostly cloudy PM- rain; mostly cloudy		Temperature: Min. 71F / 75F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Jersey Essay Labs continues compaction testing on finished sub grades for asphalt.
- JFC continues testing of storm sewer system.
- Guardian Fence completes fence extension project.
- Berto continues to place steel reinforcement for Slab 8 (Gravity Thickener).
- Berto strips forms from GAC pads (6).
- Work suspended for approximately one hour at 1300 due to heavy rains.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Stone delivered to site: 1347.15 T- DGA stone (51 loads).
- Visitors to the site included: Barbara Orchard (ARCADIS), Jerry Romagnoli (Abscope).

OU-1

- Weeks ceased operations at 1300 due to heavy rain conditions.
- Weeks continued setting shoes on king piles and welding of same.
- Continued core drilling for tie backs along OU-1 flood wall. None completed.
- Visitors to the site included: Rob Reed, Barbara Orchard (ARCADIS), Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H GPS Dozer – Utilized for fine grading improved aggregate areas.
- Komatsu 228 Excavator – Utilized for excavating material from grading
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials.
- Water Truck – Not utilized.
- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized.
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.

- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 401

Communications: None

Tomorrow's Planned Activities

UPF

- Abscope will continue grading sub-base
- Storm water system catch basins to be tested.
- Berto will continue installing rebar on gravity thickener.

Monday's Planned Activities

OU-1

- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Begin assembly of piping for FMS.

Technical Issues:

- JFC was unable to achieve a proper seal on the cover of the catch basins to accurately vacuum test them. JFC recommended exfiltration tests for catch basins in general based upon our use. ARCADIS field personnel were already in contact with the design team in order for them to provide accurate procedures to follow for an exfiltration test. Decision made to have all remaining catch basins be subject to an exfiltration test due to nature of catch basin covers.

Photo Log:



Troxler meter used to test compaction.



View of gravity thickener.



**Fine grading asphalt sub base with
GPS-equipped bulldozer.**



**Finished sub grade on south
end of site looking east.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T057-9.24.11 Date: 09/24/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): Abscope – 2 Berto Const - 9 SECI – 1 Hometown Security -1	ARCADIS Personnel Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: John LaLonde Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- mostly cloudy, drizzle; PM- Mostly cloudy		Temperature: Min. 71F / 77F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Abscope / ARCADIS fill catch basins 5,6,2,7 for exfiltration tests.
- SECI reviews slab 8 dimensions (gravity thickener).
- Berto continues to place steel reinforcement for Slab 8 (Gravity Thickener).
- Berto removes forms from six slab 1's.
- Abscope continues rough grading perimeter areas that will have DGA improvement.

OU-1 No work performed

Project equipment on site and hours of operation (0600 to 1815)

UPF

- John Deere 550H LT Dozer – Utilized for rough grading improved aggregate areas.
- Komatsu 228 Excavator – Utilized for excavating material from grading.
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials.
- 10-Wheeler Dump Truck – Not utilized
- Water Truck – Utilized to supply water for exfiltration tests.
- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized.
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- All Terrain 50 T crane – Not utilized.
- Weeks man lift and float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 143

Communications: None

Tomorrow's Planned Activities

UPF

- Abscope / ARCADIS fill catch basins 8, 9 for exfiltration tests.
- ARCADIS performs exfiltration tests for catch basins 5,6,2,7.
- Berto makes final adjustments to slab 8 (gravity thickener).

Monday's Planned Activities

OU-1

- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Begin assembly of piping for FMS.

Technical Issues: None

Photo Log:



View of UPF process pad area looking west.



Gravity thickener pipe way form.



Finish grade work in the water treatment zone at UPF.



Filling catch basin 5 for exfiltration test.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T058-9.25.11 Date: 09/25/11
Contractor (# personnel): Abscope – 2 Berto Const - 3 Hometown Security -1	ARCADIS Personnel	Day of Week: <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: John LaLonde Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- cloudy, drizzle; PM- sunny		Temperature: Min. 69F / 78F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Abscope / ARCADIS fill catch basins 8 for exfiltration test.
- ARCADIS successfully tests catch basins 5,6,2,7.
- Berto completes placement of steel reinforcement for Slab 8 (Gravity Thickener).

OU-1

- No work performed

Project equipment on site and hours of operation (0600 to 1230)

UPF

- John Deere 550H LT Dozer – Not utilized.
- Komatsu 228 Excavator – Not utilized.
- Bomag 13 ton roller – Not utilized.
- John Deere Loader – Not utilized.
- 10-Wheeler Dump Truck – Not utilized
- Water Truck – Utilized to supply water for exfiltration tests.
- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized.
- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- All Terrain 50 T crane – Not utilized.
- Weeks man lift and float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 48

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will pour concrete for slab 8 gravity thickener.

- Berto will form tank slab 5.
- Abscope will continue building asphalt sub-base with DGA
- Continue catch basin testing.
- Continue compaction testing.

OU-1

- Continue welding shoes as necessary on king piles along flood wall.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Begin assembly of piping for FMS.

Technical Issues: None

Photo Log:



Exfiltration mark for testing of UPF catch basin.



Checking vertical height of key way for gravity thickener.



View of completed gravity thickener.



View of UPF site looking northwest.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T059-9.26.11 Date: 09/26/11 Day of Week: <u>S [M] T W T F S</u>
Contractor (# personnel): Weeks- 17 CTI- 3 Abscope – 6 Berto Const - 15 SECI – 2 Jersey Essay – 2 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba, Ken Maley		
Weather: AM- mostly cloudy PM- mostly cloudy		Temperature: Min. 70F / 82F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Abscope continues rough and fine grading DGA for asphalt base in NW corner.
- Berto pours 400 CY of concrete for slab #8 (gravity thickener).
- Berto forms and pours 7 CY of concrete for tank slab # 5.
- Dewatering point from beneath gravity thickener is abandoned and filled with concrete.
- Concrete pump truck is mobilized to the site for use in pouring slab #8.
- Exfiltration tests were successfully performed on CB-8.catch basin.
- Jersey Essay Labs performs concrete testing
- Jersey Essay Labs continues compaction testing on finished sub grades for asphalt.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Dewatering point from beneath gravity thickener is abandoned and filled with 3 yards of excess concrete
- Stone delivered to site: 1347.15 T- DGA stone (51 loads).
- Visitors to the site included: John Serro (Colonial Concrete), Ken Maley (USACE).

OU-1

- Weeks completed the welding of shoes to existing king piles along the OU-1 wall.
- Weeks continued setting of wales as available along the OU-1 flood wall.
- Continued core drilling for tie backs along OU-1 flood wall. T-31 completed.
- Began assembly of piping for FMS.
- Visitors to the site included: Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1730)

UPF

- John Deere 550H GPS Dozer – Utilized for fine grading improved aggregate areas.
- Komatsu 228 Excavator – Utilized for placing material for grading.
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials.
- Water Truck – Utilized for supplying water to catch basins for testing.
- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized.

- 4 inch Hertz Pump (2) – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 429

Communications: None

Tomorrow's Planned Activities

UPF

- Berto will strip forms from slab 8 and slab 5.
- Compaction testing will continue in sub grade areas.
- Catch Basin exfiltration testing will continue
- Abscope will continue grading sub-base.

OU-1

- Delivery of Week's 511 crane barge to site.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Continue assembly of piping for FMS.

Technical Issues: None



Pump truck used to pour gravity thickener.



3" PVC Schedule 40 line installed between holding tanks.



Sub-base graded around GAC pads.



Gravity thickener concrete work.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T059-9.27.11 <u>Date:</u> 09/27/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 CTI- 3 Abscope – 5 Berto Const - 8 SECI – 2 Jersey Essay – 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- overcast; PM- overcast		Temperature: Min. 70F / 80F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Precast cover for pump station delivered.
- Abscope continues rough and fine grading DGA for asphalt base. Site is 95 % complete for asphalt.
- Berto commences demobilization.
- Exfiltration tests were successfully performed on CB-1, CB-9 catch basins.
- Filled pump station basin and CB-4 catch basin for exfiltration testing.
- Jersey Essay Labs completes compaction testing on finished sub grades for asphalt.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Berto strips forms from slabs 5 and 8.
- Visitors to the site included: Matt Bowman, Philip Spadaro, Bob Romagnoli, Jamie Beaver, Barry Kellem (ARCADIS), Maria E. Oneto, Alina Crincoli, Gustavo Di Luzio, Jose Alonso (YPF), Sebastian Sanchez (Maxus), Dave Rabbe, Paul Bluestein (Tierra)

OU-1

- Weeks delivered 511 crane barge to site.
- Weeks continued setting and bolting wales on shoes as available.
- Continued core drilling for tie backs along OU-1 flood wall. None completed.
- Visitors to the site included: Matt Bowman, Philip Spadaro, Bob Romagnoli, Jamie Beaver, Barry Kellem (ARCADIS), Maria E. Oneto, Alina Crincoli, Gustavo Di Luzio, Jose Alonso (YPF), Sebastian Sanchez (Maxus), Dave Rabbe, Paul Bluestein (Tierra)

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H GPS Dozer – Utilized for fine grading improved aggregate areas.
- John Deere 550H LT Dozer – Utilized for rough grading
- Komatsu 228 Excavator – Utilized for placing material for grading.
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials.
- Water Truck – Utilized for supplying water to catch basins for testing.
- Komatsu 220 Excavator – Not utilized.

- 4 inch Godwin pump – Not utilized.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- delivered to site.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 358

Communications: None

Tomorrow's Planned Activities

UPF

- Commencement of asphalt placement.
- Complete catch basin exfiltration testing.
- Abscope will continue grading outside asphalt pad area.

OU-1

- Delivery of first load of scour protection materials and begin placement of same.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Complete assembly of piping for FMS.

Technical Issues: None



Weeks 511 crane barge going under the Route 1 & 9 truck bridge.



Pumped station filled with water to perform exfiltration test.



JEL performing compaction test with Troxler.



Trenches and cone feature at center of gravity thickener pad after forms are stripped.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T061-9.28.11 Date: 09/28/11 Day of Week: <u>S M T [W] T F S</u>
Contractor (# personnel): Weeks- 18 CTI- 3 Abscope – 4 Berto Const – 2 English Paving- 10 SECI – 2 DPK-2 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- overcast; PM- overcast		Temperature: Min. 70F / 76F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- DPK on site to do a preliminary mark-out of survey discs for concrete pad settlement monitoring.
- Applied 56 truckloads of base course material (1392.70 T) to sediment processing area.
- Applied 169.33T of DGA (7 loads) for improved aggregate surfaces.
- Berto cleaning up and demobilizing material and equipment.
- Exfiltration tests were successfully performed on the pump station basin.
- Abscope continues rough grading perimeter areas that will have DGA improvement.
- Visitors to the site included: Matt Bowman, Bob Romagnoli, Jamie Beaver, (ARCADIS).

OU-1

- Weeks continued setting and bolting wales on shoes as available.
- Continued core drilling for tie backs along OU-1 flood wall. T-32, T-34 completed.
- Visitors to the site included: Matt Bowman, Bob Romagnoli, Jamie Beaver, (ARCADIS), Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H GPS Dozer – Utilized for fine grading improved aggregate areas.
- John Deere 550H LT Dozer – Utilized for rough grading
- Komatsu 228 Excavator – Utilized for placing material for grading.
- Bomag 13 ton roller – Utilized for rolling improved aggregate areas.
- John Deere Loader – Utilized for moving materials.
- Water Truck – Utilized for supplying water to catch basins for testing.
- Komatsu 220 Excavator – Not utilized.
- 4 inch Godwin pump – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment

- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 365

Communications: None

Tomorrow's Planned Activities

UPF

- DPK to locate and install settlement monitoring disks.
- Commencement of asphalt placement.
- Complete catch basin exfiltration testing.
- Abscope will continue grading outside asphalt pad area.

OU-1

- Delivery of first load of scour protection materials and begin placement of same.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Complete assembly of piping for FMS.

Technical Issues: None



**View looking SW of finished
asphalt base course.**



**Base course paved along western
UPF border.**



English Paving begins applying base course for asphalt paving.



Base course rolled to 4.5 inches.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T062-9.29.11 Date: 09/29/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 18 CTI- 3 Abscope – 4 English Paving-10 SECI – 2 DPK-2 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- rain; PM- rain		Temperature: Min. 60F / 77F Max. Wind: 5 to 25 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- 874.66 T of asphalt base course (35 loads) applied. Plate compactor used around all concrete pads. Asphalt rolled and compacted to 95 % and verified by CQA technician for English using a Troxler.
- De-water storm drains after thunderstorm.
- Place and grade 205.52 T (8 loads) DGA improved aggregate surfaces over demarcation layer around perimeter of asphalt.
- Grub and clear river front shore line for access to install sediment slurry pipeline from OU-1 and discharge pipeline from water treatment at UPF including stabilizing the pipeline entry area.
- DPK on site to mount survey discs on concrete pads for settlement monitoring.
- Visitors to the site included: Jim Mack (Morris Rep)

OU-1

- Weeks commenced scour protection placement with 511 crane barge.
- Weeks continued setting and bolting wales on shoes as available.
- Continued core drilling for tie backs along OU-1 flood wall. None completed.
- Visitors to the site included: Sylvester Lee, Rick Zrean, Jerry Rohrbach (Newark Fire Department); Kathleen Haskey (Weeks).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H LT Dozer – Utilized for rough grading and clearing.
- Komatsu 228 Excavator – Utilized for grubbing pipeline area.
- Bomag 13 ton roller – Utilized for static rolling.
- John Deere Loader – Utilized for moving materials.
- 4 inch Godwin pump – Utilized for dewatering after thunderstorm.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- Utilized for scour protection placement.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment

- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding shoes and core drills
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 416

Communications: None

Tomorrow's Planned Activities

UPF

- Completion of asphalt placement.
- Abscope continues grading outside asphalt pad area.

OU-1

- Continue placement of scour protection materials.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Complete assembly of piping for FMS.

Technical Issues: None



Asphalt base course installed over entire area per specs.



Pipeline area cleared and stabilized for UPF access at riverfront.



Wale 5W1 bolted in place



View from T-35 looking west along floodwall.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T063-9.30.11 Date: 09/30/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 17 CTI- 3 Abscope – 4 English Paving-10 Berto Const - 4 SECI – 2 Jersey Essay – 2 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- overcast, drizzle; PM- Sunny		Temperature: Min. 58F / 80F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Perform ex-filtration test on CB-4.
- Place and grade DGA improved aggregate surfaces over demarcation layer around perimeter of asphalt.
- Complete grubbing and clearing of riverfront shore line for access to install sediment slurry pipeline from OU-1 and discharge pipeline from water treatment at UPF.
- Install and grade DGA construction support road for pipeline run from river.
- Use Trimble GPS system to measure and verify elevation of finished asphalt grade per specifications.
- DPK on site to complete mounting of survey discs on concrete pads for settlement monitoring.
- Install 1278.8 T asphalt (51 loads) top coat over area per specs. 1.5" over binder area.
- Visitors to the site included: Maria E. Oneto, Alina Crincoli (YPF), Paul Bluestein (Tierra)

OU-1

- Weeks continued placing scour protection with 511 crane barge – approximately 35 % complete.
- Delivery of drilling equipment for Nicholson.
- Weeks continued setting and bolting wales on shoes as available.
- Continued core drilling for tie backs along OU-1 flood wall. T-33, T-35 completed.
- Visitors to the site included: Maria E. Oneto, Alina Crincoli (YPF), Paul Bluestein (Tierra)

Project equipment on site and hours of operation (0600 to 2200)

UPF

- John Deere 550H LT Dozer – Utilized for cutting grades and clearing area near pipeline entry.
- Komatsu 220 Excavator – Utilized for grubbing pipeline entry area.
- Bomag 13 ton roller – Utilized for static rolling sub grades.
- John Deere Loader – Utilized for moving construction materials and equipment, and staging DGA
- Paving equipment (various) – Utilized for asphalt paving.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- Utilized for placement of scour protection.
- All Terrain 50 T crane- utilized for movement of materials and equipment.

- All Terrain 50 T crane – utilized for movement of materials and equipment
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding for wales and core drill efforts
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 414

Communications: None

Monday's Planned Activities

UPF

- Commencement of delivery for SECI equipment.
- Abscope will continue grading outside asphalt pad area.

OU-1

- Delivery of second load of scour protection materials and continue placement of same.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Complete assembly of piping for FMS.
- Begin mobilization activities for tie back operations.

Technical Issues: None



**Asphalt top installed over binder
southeast corner view.**



**DGA grade over geotextile for temporary
road for asphalt hauling.**



**Picking up scour protection materials
from barge.**



**Pretreatment tanks piped and
ready to operate.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T064-10.03.11 Date: 10/03/11 Day of Week: <u>S [M] T W T F S</u>
Contractor (# personnel): Weeks- 18 CTI- 5 Nicholson-7 Abscope – 2 SECI – 6 Shelby – 10 Amquip-4 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
Weather: AM- overcast; PM- cloudy		Temperature: Min. 48F / 60F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Introduction / Safety Meeting held for SECI, Amquip and Shelby personnel.
- Set up 550T crane to receive filter press frames.
- Receive 32 containers of parts for SECI equipment.
- Abscope continues perimeter grading for site.
- Visitors to the site included: Lucia Gamba (USACE).

OU-1

- Weeks received second barge of scour protection material- no placement today.
- Delivery of drilling equipment for Nicholson.
- Installed optical survey points along floodwall and read same.
- Commenced setup of equipment to begin drilling.
- Weeks continued setting and bolting wales on shoes as available.
- Continued core drilling for tie backs along OU-1 flood wall. T-36, T-38 completed.
- Visitors to the site included: Lucia Gamba (USACE).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H LT Dozer – Utilized for cutting grades and clearing area near pipeline entry.
- Komatsu 220 Excavator – Utilized for grubbing pipeline entry area.
- Bomag 13 ton roller – Utilized for static rolling sub grades.
- John Deere Loader – Utilized for moving construction materials and equipment.
- 550T Crane- delivered
- 40 TON Crane- delivered
- 8T Telehandler- delivered
- 45ft Boom Lift- delivered
- Scissors lift (2)- delivered

OU-1

- Excavator- Not utilized.

- Weeks 511 crane barge- Utilized for placement of scour protection.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized for movement of materials and equipment
- Nicholson drill rig and equipment- Utilized for tie back installation
- Week's man lift and float stations – Utilized for OU-1 floodwall work.
- Weeks welding machines and generators – Utilized for welding for wales and core drill efforts
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 457

Communications: None

Tomorrow's Planned Activities

UPF

- Set frames for filter presses.
- Offload SECI equipment.
- Abscope will continue grading outside asphalt pad area.

OU-1

- Continued placement scour protection materials in Passaic River.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Commence operations of fluid management system.
- Begin mobilization activities for tie back operations.

Technical Issues: None



View looking west of scour materials along shoreline of Sherwin Williams floodwall.



Load of Nicholson drilling supplies being off loaded.



SECI material trailers delivered and set up.



Filter press frame delivery at OU-1

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T065-10.04.11 <u>Date:</u> 10/04/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 7 CTI- 3 Jersey Essay – 1 Abscope – 2 Shelby Mechanical-9 Amquip-4 SECI – 6 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba, Ken Maley		
Weather: AM- overcast, drizzle; PM- overcast		Temperature: Min. 51F / 67F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Offloaded materials and containers from trucks.
- Place and grade DGA improved aggregate surfaces over demarcation layer around perimeter of asphalt.
- Visitors to the site included: John LoCrasto (Operating Engineers 825); Lucia Gamba, Sal DiDato, Ken Maley (USACE); Paul Bluestein (Tierra); Matt Bowman (ARCADIS); Steve Kehanes, Michael Burlingame (NJDEP).

OU-1

- Commenced grouting of T-1. Took 9 bags of grout to complete hole.
- Began drilling of T-3 tie back. Hole secured after drilling approximately 40 linear feet.
- JEL observed Nicholson performing grout cylinder packing and took samples of grout for T-1 for analysis.
- Weeks began placement of grit materials from second barge received late Monday. – approximately 50 % complete.
- Weeks continued setting and bolting wales on shoes as available.
- Continued core drilling for tie backs along OU-1 flood wall. T-37 completed.
- Visitors to the site included: Tom McKean, Charles Wallace (NY Dockworkers); John LoCrasto (Operating Engineers 825); Lucia Gamba, Sal DiDato, Ken Maley (USACE); Paul Bluestein (Tierra) ; Matt Bowman (ARCADIS); Steve Kehanes, Michael Burlingame (NJDEP).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- John Deere 550H LT Dozer – Utilized for cutting grades and clearing area near pipeline entry.
- Komatsu 220 Excavator – Utilized for placing grade materials.
- Bomag 13 ton roller – Utilized for static rolling sub grades.
- John Deere Loader – Utilized for moving construction materials and equipment.
- 550 T Crane – Utilized for offloading equipment.
- 40T Crane- Utilized for offloading equipment.
- 8 T Telehandler- Utilized for offloading equipment.
- Fork lift- Utilized for offloading equipment.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- Utilized for placement of scour protection.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized for movement of materials and equipment
- Nicholson drill rig and equipment- Mobilized to site and set up.
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding for wales and core drill efforts
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 471

Communications: Weekly Progress Meeting

Monday's Planned Activities

UPF

- Set frames for filter presses.
- Continue unloading and staging SECI owned processing plant components.

OU-1

- Continue placement of scour protection.
- Continue core drill operations at OU-1 Flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Commence use of tie back fluids operations.
- Begin grouting for T-1 tie back.

Technical Issues: None



Verifying 30 degree angle for tie back installation.



View of tie back operation looking west along floodwall.



Preparing grout cylinders for tiebacks.



Materials delivered and staged at UPF.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T067-10.06.11 <u>Date:</u> 10/06/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 7 Vibrattech-3 Amquip-6 Jersey Essay -2 DPK-2 Abscope – 2 SECI – 5 Shebly-10 Amquip-4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Lucia Gamba		
<u>Weather:</u> AM- sunny; PM- sunny		<u>Temperature:</u> Min. 46F / 67F Max. <u>Wind:</u> 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Delivered 2 filter presses to site.
- Offload various pieces of catwalk, stairs, and materials for erection.
- Continue with site grading around asphalt perimeter for construction and operation support.
- Layout and begin constructing pipe crossing for sediment slurry influent pipeline and water treatment discharge pipeline.
- Continue stabilizing riverfront area for pipeline access and placing erosion control.
- Visitors to the site included: Bob Romagnoli (ARCADIS), Paul Bluestein (Tierra), Ben Leff, Jeff Caputi, Steve Kessel (B&C)

OU-1

- DPK performed site monitoring survey work.
- Tieback operations-
 - Completed drilling of tieback T-3. 1 of 37 completed.
 - Water (gallons) processed last 24 hours: 13,725. To date: 29,125
 - Water (gallons) provided for processing last 24 hours: 17,720. To date: 32,180
- Vibrattech installed vibration monitoring devices on Singer and OU-1 properties.
- JEL observed Nicholson performing grout cylinder packing and took samples of grout for T-3 for analysis.
- Weeks continued placement of grit materials from second barge. – approximately 70 % complete.
- Weeks continued setting and bolting wales on shoes as available.
- Amquip unloaded crane mats and placed them along OU-1 roadway for drill cutting mixing operations.
- Visitors to the site included: Lucia Gamba (USACE); Ben Leff, Steve Kessel, Jeff Caputi (B&C).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- 550T Crane – Utilized for offloading material and equipment
- 40 TON Crane – Utilized for offloading material and equipment

- 8T Telehandler – Utilized for offloading material and equipment
- 45ft Boom Lift #581 – Utilized for offloading material and equipment.
- Scissors lift #268 – Utilized for offloading material and equipment.
- Scissors lift #482 – Utilized for offloading material and equipment.
- Generator – Utilized for installation and fabrication of sediment processing system.
- John Deere 550H LT Dozer – Utilized for cutting grades and pipeline
- Komatsu 220 Excavator – Utilized for moving materials and pipeline area.
- Bomag 13 ton roller – Utilized for static rolling sub grades.
- John Deere Loader – Utilized for moving construction materials.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- Utilized for placement of scour protection.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Nicholson drill rig and equipment- Utilized to drill and install tiebacks.
- Weeks man lift and float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for welding for wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 560

Communications: None

Tomorrow's Planned Activities

UPF

- Delivery of Filter Presses to the Site
- Begin to Set Filter Presses.
- Abscope will continue grading outside asphalt pad area.

OU-1

- Delivery of third load of scour protection materials and continue placement of same.
- Continue installation of wales as available along OU-1 flood wall.
- Continue operation of FMS.
- Continue installation of tie backs.

Technical Issues: None



View looking NE of Gravity Thickener and staged tank wall sections.



Grout cylinders taken for T-3.



View of floodwall looking west from Singer property.



View of T-3 upon completion of grout operations.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T068-10.07.11 <u>Date:</u> 10/07/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 20 Nicholson- 7 Abscope – 2 SECI – 5 Shelby -10 Amquip-4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- sunny; PM- sunny		Temperature: Min. 47F / 69F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Lift and set into position two Filter Presses on north pad.
- Receipt of remaining 2 filter presses to site.
- Construction of catwalks, railing, decking for filter presses.
- Continue with site grading around asphalt perimeter for construction and operation support.
- Complete construction of pipe crossing for sediment slurry influent pipeline and water treatment discharge pipeline.
- Complete grading around stockpile area for load out and disposal of hex-chrome and VOC soil.
- Clean Harbors construct scaffolding system for tarping and untarping containers during T&D of hex-chrome and VOC soil.

OU-1

- Tieback operations-
 - Completed drilling of tieback T-5. 2 of 37 completed.
 - Water (gallons) processed last 24 hours: 4,873. To date: 33,998
 - Water (gallons) provided for processing last 24 hours: 0. To date: 32,180
- Weeks awaits delivery of third grit barge.
- Weeks continued setting and bolting wales on shoes as available.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- 550T Crane – Utilized for offloading material and equipment
- 40 TON Crane – Utilized for offloading material and equipment
- 8T Telehandler – Utilized for offloading material and equipment
- 45ft Boom Lift #581 – Utilized for offloading material and equipment.
- Scissors lift #268 – Utilized for offloading material and equipment.
- Scissors lift #482 – Utilized for offloading material and equipment.
- Generator – Utilized for installation and fabrication of sediment processing system.
- John Deere 550H LT Dozer – Utilized for grading improved aggregate surfaces and pipeline crossing.
- Komatsu 220 Excavator – Utilized for grubbing pipeline entry area.
- Bomag 13 ton roller – Utilized for static rolling improved aggregate surfaces.

- John Deere Loader – Utilized for moving construction materials.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- Utilized for placement of scour protection.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Nicholson drill rig and equipment- Utilized to drill and install tiebacks.
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding for wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 475

Communications: None

Monday's Planned Activities

UPF

- Continued set up of SECI equipment.
- Mark-out and lay-out of concrete pads for sediment processing equipment.

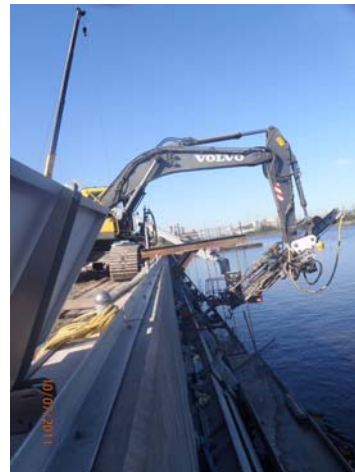
OU-1

- Delivery of third load of scour protection materials on Saturday and continue placement of same on Monday.
- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.

Technical Issues: None



View of tieback T-3.



Installation for tie back T-5.



Setting foot of filter press on load cell.



Setting first filter press on north pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T069-10.10.11 <u>Date:</u> 10/10/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 Tilcon-1 Abscope – 2 SECI – 5 Shelby -9 Amquip-4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachariah McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- sunny; PM- sunny		Temperature: Min. 60F / 84F Max. Wind: 0 to 5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Demobilized 550T crane.
- Lift and set into position two Filter Presses on south pad.
- Commence erection of gravity thickener.
- Continued construction of catwalks, railing, decking for filter presses.
- Completed concrete saddle placement in catch basins.

OU-1

- Tieback operations-
 - Completed drilling of tieback T-7. 3 of 37 completed.
 - Successfully tested T-3 tie back- 6,410 PSI
 - Water (gallons) processed last 24 hours: 2,900
 - Water (gallons) available for processing: 153,000
- Weeks completes scour protection placement (third barge arrived on Saturday).
- Weeks continued setting and bolting wales on shoes as available.
- CHES drops off containers for tie back cuttings solidification program.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- 40 TON Crane – Utilized for offloading material and equipment
- 8T Telehandler – Utilized for offloading material and equipment
- 45ft Boom Lift #581 – Utilized for offloading material and equipment.
- Scissors lift #268 – Utilized for offloading material and equipment.
- Scissors lift #482 – Utilized for offloading material and equipment.
- Generator – Utilized for installation and fabrication of sediment processing system.
- John Deere 550H LT Dozer – Utilized for grading improved aggregate surfaces.
- Komatsu 220 Excavator – Utilized for contaminated soil disposal preparation. .
- John Deere Loader – Utilized for moving construction materials.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- Utilized for placement of scour protection; demobilized.

- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Nicholson drill rig and equipment- Utilized to drill and install tiebacks.
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 425.5

Communications: None

Tomorrow's Planned Activities

UPF

- Commence erection of sludge tanks.
- Continue erection of gravity thickener.
- Commence load out of contaminated soils.

OU-1

- Demobilize 511 crane barge and third materials barge.
- Place scour protection materials in monopile locations in Passaic River.
- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Begin stress testing of tiebacks.

Technical Issues: None



View of filter press units looking west.



Installation for tie back T-7.



View of tie back inside core hole.



View looking west from UPF shore line depicting monopile locations.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T070-10.11.11 Date: 10/11/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 22 Nicholson- 7 Abscope – 2 SECI – 5 Shelby -14 Amquip-3 Clean Harbors-3 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachariah McCoy Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- sunny; PM- sunny		Temperature: Min. 62F / 77F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued erection of gravity thickener.
- Commenced erection of sludge tanks.
- Continued construction of catwalks, railing, decking for filter presses.
- Loaded out 9 containers (207 estimated T) of contaminated stockpiled soils.
- Demobilized Abscope equipment and materials from work trailer.
- Visitors to the site included: Paul Bluestein, Enrique Castro, and Paul Brzozowski (Tierra), John McNally (Clean Harbors)

OU-1

- Tieback operations-
 - Completed drilling of tieback T-4, T-6. 5 of 37 completed.
 - Successfully tested T-5 tie back- 5,400 PSI
 - Water (gallons) processed last 24 hours: 0
 - Water (gallons) available for processing: 128,000
- Weeks demobilizes 511 crane barge for scour protection placement after placement of materials in monopile locations.
- Weeks continued setting and bolting wales on shoes as available.
- Visitors to the site included: Paul Bluestein, Enrique Castro (Tierra), Jaime Picorelli (Nicholson); Lucia Gamba (USACE)

Project equipment on site and hours of operation (0630 to 1600)

UPF

- 40 TON Crane – Utilized for offloading material and equipment
- 8T Telehandler – Utilized for offloading material and equipment
- 45ft Boom Lift #581 – Not Utilized.
- Scissors lift #268 – Not Utilized.
- Scissors lift #482 – Not Utilized.
- Generator – Utilized for installation and fabrication of sediment processing system.
- John Deere 550H LT Dozer – Not Utilized.
- Komatsu 220 Excavator – Utilized for load out of contaminated stockpiled soil.

- John Deere Loader – Utilized for moving construction materials.

OU-1

- Excavator- Not utilized.
- Weeks 511 crane barge- Demobilized off site after completion of scour placement for monopiles.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Nicholson drill rig and equipment- Utilized to drill and install tiebacks.
- Weeks man lift and float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 564

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erection of sludge tanks 3 and 2.
- Continue erection of gravity thickener.
- Continue load out of contaminated soils.
- Continued construction of catwalks, railing, decking and wash unit for filter presses.
- Continue demobilization of Abscope equipment and materials.

OU-1

- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Begin stress testing of tiebacks.

Technical Issues: None



Scour protection placement for monopiles.



View of scour materials placed adjacent to the eastern edge of the floodwall.



Tarping operation for T&D of VOC material.



Erecting Gravity Thickener tank side panels.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T071-10.12.11 <u>Date:</u> 10/12/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 20 Nicholson- 7 JEL-1 Abscope – 2 SECI – 5 Shelby -14 Amquip-3 Clean Harbors-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachariah McCoy Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- overcast; PM- overcast, drizzle		Temperature: Min. 59F / 66F Max. Wind: 5 to 15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued erection of gravity thickener.
- Bridges for sludge tanks were delivered to the site.
- Continued erection of sludge tanks.
- Continued construction of catwalks, railing, decking for filter presses.
- Loaded out 20 containers (480 estimated T) of contaminated stockpiled soils.
- Demobilized Abscope equipment and materials from work trailer.
- Visitors to the site included: Paul Bluestein (Tierra)

OU-1

- Tieback operations-
 - Completed drilling of tieback T-8, T-9. 7 of 37 completed.
 - Successfully tested T-7 tie back @ 2 days – 4,700 PSI
 - Water (gallons) processed last 24 hours: 0
 - Water (gallons) available for processing: 118,000
- Weeks continued setting and bolting wales on shoes as available.
- Visitors to the site included: Paul Bluestein (Tierra), Michael Turner (Burton Trent) , J. Dolman, B. Heimstra, L. Dan (SECI), John Lalonde (Abscope) , Lucia Gamba (USACE)

Project equipment on site and hours of operation (0700 to 1600)

UPF

- 40 TON Crane – Utilized for offloading material and equipment
- 8T Telehandler – Utilized for offloading material and equipment
- 45ft Boom Lift #581 – Not Utilized.
- Scissors lift #268 – Not Utilized.
- Scissors lift #482 – Not Utilized.
- Generator – Utilized for installation and fabrication of sediment processing system.
- John Deere 550H LT Dozer – Not Utilized.
- Komatsu 220 Excavator – Utilized for load out of contaminated stockpiled soil.

- John Deere Loader – Utilized for moving construction materials.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Nicholson drill rig , manlift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 483

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erection of sludge tanks 3 and 2.
- Continue erection of gravity thickener.
- Complete load out of contaminated soils.
- Continued construction of catwalks, railing, decking and wash unit for filter presses.
- Continue demobilization of Abscope equipment and materials.

OU-1

- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks.

Technical Issues:

- Notified by client that groundwater wells need to be turned back on starting tomorrow morning. The fluid management system is currently using power from the well vaults to power all the necessary pumps (4). Arrangements need to be made ASAP to find an alternate power source for these pumps to avert a drilling shutdown. ARCADIS is working with Shelby Mechanical to resolve the electrical issue expeditiously.



Completed tie back T-3.



Performance testing of tie back T-3.



Installation of Sludge Holding Tank floor

Installation of decking and stairs on Filter Press frames

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T072-10.13.11 Date: 10/13/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 16 Nicholson- 7 Abscope – 2 SECI – 5 Shelby -19 Amquip-3 Clean Harbors-3 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachariah McCoy Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- overcast; PM- overcast, drizzle		Temperature: Min. 58F / 64F Max. Wind: 0 to 10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued erection of gravity thickener.
- Continued erection of sludge tanks.
- Continued construction of catwalks, railing, decking for filter presses.
- Loaded out a total of 26 containers (697 estimated T) of contaminated stockpiled soils.
- Abscope completed demobilization from the site.
- Visitors to the site included: Paul Bluestein (Tierra)

OU-1

- Tieback operations-
 - Completed drilling of tieback T-2, T-10a. 9 of 37 completed.
 - Successfully stress tested T-5 tie back.
 - Water (gallons) processed last 24 hours: 14,000
 - Water (gallons) available for processing: 110,000
- Weeks continued setting and bolting wales on shoes as available.
- Visitors to the site included: B. Hiemstra, (SECI), Neil Anderson (Shelby), John Wise (Nicholson), Jeff Moser (Weeks), Lucia Gamba (USACE), Elizabeth Butler (USEPA).

Project equipment on site and hours of operation (0630 to 1600)

UPF

- 40 TON Crane – Utilized for offloading material and equipment
- 8T Telehandler – Utilized for offloading material and equipment
- 45ft Boom Lift #581 – Not Utilized.
- Scissors lift #268 – Not Utilized.
- Scissors lift #482 – Not Utilized.
- Generator – Utilized for installation and fabrication of sediment processing system.
- John Deere 550H LT Dozer – Not Utilized.
- Komatsu 220 Excavator – Utilized for load out of contaminated stockpiled soil.
- John Deere Loader – Utilized for moving construction materials.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Nicholson drill rig, manlift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Jeff Moser and Zach McCoy performed a site audit of operations. Generally ok, need to work on storage of rigging gear.
- Estimated Man hours- 574

Communications: None

Monday's Planned Activities

UPF

- Continue erection of sludge tanks 3 and 2.
- Continue erection of gravity thickener.
- Continued construction of catwalks, railing, decking and wash unit for filter presses.

Tomorrow's Planned Activities

OU-1

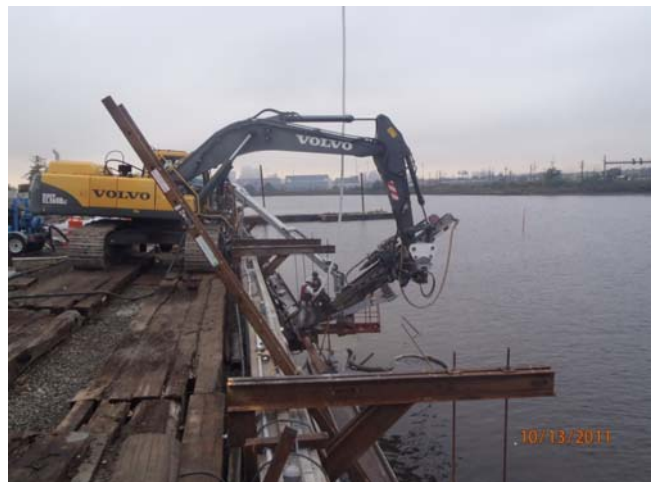
- Commence movement of crane mats and equipment for tie back drilling west along the flood wall.
- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks.

Technical Issues:

- Reviewed with Shelby Mechanical and developed an alternate source of power . Will modify new service for enclosure water pumps to accommodate fluid management system pumps. Shelby to begin work on the change AM Friday.



Verifying ph level of incoming water.



Installing a tie back looking east.



Erecting gravity thickener tank.



All material loaded out of NW stockpile pad for T&D. Stockpile area removed and cleaned up during load out.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T073-10.14.11 <u>Date:</u> 10/14/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 Shelby-19 SECI – 5 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachariah McCoy Adam Chwalibog	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Partly Cloudy; PM- Partly Cloudy, Heavy Rain and Thunderstorms		<u>Temperature:</u> Min. 60 F /77 F Max. <u>Wind:</u> NE 10-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Pipe fitter works on drawings and layout.
- Electricians continue with prep work for electrical installation.
- Mobilized separation units for assembly.
- Delivery of 100 T crane for lifting gravity thickener [bridge.
- Continued erection of gravity thickener.
- Continued erection of sludge tanks.
- Continued construction of catwalks, railing, decking for filter presses.

OU-1

- Tieback operations-
 - Completed drilling of tieback T-11, 10 of 37 completed.
 - Successfully stress tested T-4, T-6, and T-7 tie back.
 - Water (gallons) processed last 24 hours: 16,000
 - Water (gallons) available for processing: 115,000
- Weeks continued setting and bolting wales on shoes as available.
- Installed temporary power converter for electrical pumps for OU-1 to handle fluids management system.
- Visitors to the site included: R. Mule, S. Dennison (Shelby), Lucia Gamba (USACE).

Project equipment on site and hours of operation (0700 to 1600)

UPF

- 100 TON Crane- Utilized for construction of system.
- 40 TON Crane – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Scissors lift #482 – Utilized for construction of system.
- Generator – Utilized for installation of gravity thickener tank.

OU-1

- Excavator- Not utilized.

- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 526

Communications: None

Monday's Planned Activities

UPF

- Continue erecting Gravity Thickener Tank.
- Continue erecting sludge holding tanks 2 and 1.
- Continue installing decking and railing on Filter Press frames.
- Continue working on pipe layout and drawings.
- Begin electrical work.

Tomorrow's Planned Activities

OU-1

- Commence movement of crane mats and equipment for tie back drilling west along the flood wall.

Technical Issues: None



Separation unit delivered.



Erecting Gravity Thickener Tank.



Lock out for temporary power control at OU-1.



Stress instrument on T-7.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T074-10.15.11 <u>Date:</u> 10/15/11 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks- 6	<u>ARCADIS Personnel</u> Zachariah McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Cloudy; PM- Sunny		Temperature: Min. 53 F /69 F Max. Wind: NE 15-25 MPH

Contractor's Activities, Visitors, Remarks:

UPF No work

OU-1

- Weeks moved crane mats and materials to accommodate Nicholson drilling operations.

Project equipment on site and hours of operation (0700 to 1530)

UPF

- 100 TON Crane- Not Utilized
- 40 TON Crane – Not Utilized
- 8T Telehandler – Not Utilized
- 45ft Boom Lift #581 – Not Utilized
- Scissors lift #268 – Not Utilized
- Scissors lift #482 – Not Utilized
- Generator – Not Utilized

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – Not utilized.
- Nicholson drill rig, man lift and equipment- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 56

Communications: None

Monday's Planned Activities

UPF

- Continue erecting Gravity Thickener Tank.
- Continue erecting sludge holding tanks 2 and 1.
- Continue installing decking and railing on Filter Press frames.

- Continue working on pipe layout and drawings.
- Begin electrical work.

OU-1

- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.

Technical Issues: None



View of crane looking west.



Crane mats moved to accommodate drilling operations.



View of site looking northeast.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T075-10.17.11 <u>Date:</u> 10/17/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 DPK-1 Shelby-15 CHES-1 SECI – 5 Amquip-4 Abscope-2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachariah McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Sunny; PM- Sunny		<u>Temperature:</u> Min. 58 F /77 F Max. <u>Wind:</u> 0-5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Offload Big Top truck with structural members of canopy frame.
- Install 5 units for the sand separation unit.
- Commenced ex-filtration test on catch basin 4.
- Pipe fitter works on drawings and layout.
- Electricians commence installation of electrical wiring.
- Continued erection of gravity thickener.
- Continued erection of sludge tanks.

OU-1

- Tieback operations-
 - Completed drilling of tieback T-12, 13, 12 of 37 completed.
 - Water (gallons) processed last 24 hours: 12,000
 - Water (gallons) available for processing: 109,000
- Weeks continued setting and bolting wales on shoes as available.
- DPK performed monitoring of reference points.
- Visitors to the site included: Lucia Gamba (USACE).

Project equipment on site and hours of operation (0700 to 1600)

UPF

- 100 TON Crane- Utilized for construction of system.
- 40 TON Crane – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Scissors lift #482 – Utilized for construction of system.
- Generator – Utilized for installation of gravity thickener tank.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- mobilized to site.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 503

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks 2 and 1.
- Continue installing decking and railing on Filter Press frames.
- Continue working on pipe layout and drawings.
- Continue electrical work.

OU-1

- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Delivery of steel barge and template.
- Begin installation of first template along Sherwin-Williams floodwall.

Technical Issues: None



Frame members for canopies staged in SE corner of asphalt pad.



Installation of Sand Separation Unit.



**Cyclone Unit (delivered 10/14)
for sand separation.**



**Looking west, Weeks crane barge 541
arriving on site.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T076-10.18.11 <u>Date:</u> 10/18/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 Shelby-16 Big Top- 3 CHES-1 SECI – 5 Amquip-3 Abscope-2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachariah McCoy Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 51 F /71 F Max. Wind: 5-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Big Top begins erection of canopies for south and north filter press stations.
- Install 5 units for the sand separation unit.
- Completed ex-filtration test on catch basin 4-passed.
- Pipe fitter works on drawings and layout.
- Electricians continue installation of electrical wiring.
- Sludge tank bridges delivered.
- Continued erection of gravity thickener.
- Continued erection of sludge tanks.
- Visitors to the site included: R. Reed, M. Bowman, R. Difiore, J. Molina (ARCADIS); P. Bluestein, P. Brzozowski (Tierra); D. Vallarz (Maxus).

•

OU-1

- Tieback operations-
 - Redrilled T-15 tieback. Completed drilling of tieback T-11, 13 of 37 completed.
 - Water (gallons) processed last 24 hours: 10,000
 - Water (gallons) available for processing: 104,000
- Weeks continued setting and bolting wales on shoes as available.
- Installed first template for enclosure along Sherwin-Williams wall.
- Visitors to the site included: R. Reed, M. Bowman, R. Difiore, J. Molina (ARCADIS); P. Bluestein, P. Brzozowski (Tierra); Lucia Gamba (USACE), D. Vallarz (Maxus).

Project equipment on site and hours of operation (0700 to 1900)

UPF

- 100 TON Crane- Utilized for construction of system.
- 40 TON Crane – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 45ft Boom Lift #581 – Utilized for construction of system.

- Scissors lift #268 – Utilized for construction of system.
- Scissors lift #482 – Utilized for construction of system.
- Generator – Utilized for installation of gravity thickener tank.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for erection of enclosure.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 479

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks .2 and 1.
- Continue installing decking and railing on Filter Press frames.
- Continue working on pipe layout and drawings.
- Continue electrical work.
- Begin erection of canopy along south filter press station.
- Delivery of crane mats for Adler tanks.

OU-1

- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Begin installation of king piles along Sherwin-Williams floodwall.

Technical Issues: None



Frame members for canopies assembled and readied for erection.



First template installed along Sherwin-Williams wall.

Installation of Gravity Thickener bridge and scraper blade.



View of steel inside barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T077-10.19.11 <u>Date:</u> 10/19/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 Shelby-16 CHES-3 SECI – 5 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachariah McCoy Adam Chwalibog Kavin Gandhi	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Rain; PM- Rain, wind		<u>Temperature:</u> Min. 59 F / 62 F Max. <u>Wind:</u> 0-30 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Off load crane mats for Adler tanks in water treatment area.
- Sample groundwater collected in Rain for Rent tank from Gravity Thickener excavation.
- Shutdown Sediment processing construction at 0900 due to excessive conditions.
- Shut down Big Top canopy erection operations due to excessive wind conditions at 1330.
- Begin setting structural members of canopy frame.
- Offload crane mats for Adler tanks.
- Pipe fitter works on drawings and layout.
- Electricians continue installation of electrical wiring.
- Continued erection of gravity thickener.
- Continued erection of sludge tanks.
- Visitors to the site included: R. Reed, M. Bowman, B. Romagnoli, K. Gandhi (ARCADIS); P. Bluestein (Tierra).

OU-1

- Shutdown Enclosure operations at 1130 due to excessive wind and rain conditions.
- Shut down Tieback operations due to excessive wind conditions at 1330.
- Tieback operations-
 - Completed drilling of tieback T-15.
 - Water (gallons) processed last 24 hours: 11,000
 - Water (gallons) available for processing: 105,000
- Weeks continued setting and bolting wales on shoes as available.
- Visitors to the site included: R. Reed, M. Bowman, B. Romagnoli, K. Gandhi (ARCADIS); P. Bluestein (Tierra); Lucia Gamba (USACE), Jeff Muser, Kathleen Haskey (Weeks).

Project equipment on site and hours of operation (0700 to 1600)

UPF

- 100 TON Crane- Utilized for construction of system.
- 40 TON Crane – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 45ft Boom Lift #581 – Utilized for construction of system.

- Scissors lift #268 – Utilized for construction of system.
- Scissors lift #482 – Utilized for construction of system.
- Generator – Utilized for installation of gravity thickener tank.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- utilized to set up enclosure template.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Jeff Muser and Kathleen Haskey toured the site on Week's behalf.
- Estimated Man hours- 418

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks 2 and 1.
- Continue installing decking and railing on Filter Press frames.
- Continue working on pipe layout and drawings.
- Continue erection of canopies.
- Continue electrical work.

OU-1

- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Safety meeting for tie back installation personnel at Weeks Cranford facility.
- Begin installation of first template along Sherwin-Williams floodwall.

Technical Issues: None



First arch erected for canopy over south filter presses.



Collecting water sample from Rain for Rent tank on the UPF Site.



First template ready for pile driving.



Drilling tie back T-15.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T078-10.20.11 <u>Date:</u> 10/20/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 Shelby-20 CHES-3 SECI – 5 Big Top – 3 Amquip-3 Abscope-2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Cloudy; PM- Cloudy		<u>Temperature:</u> Min. 53 F / 70 F Max. <u>Wind:</u> 10-35 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Delivered crane mats for Adler tanks, shaker screen, concrete anchoring blocks, pipe racks, and sludge pumps.
- Completed erection of south filter press station structural steel for canopy.
- Pipe fitter works on drawings and layout.
- Electricians continue installation of electrical wiring.
- Continued erection of gravity thickener.
- Continued erection of sludge tanks.
- Visitors to the site included: Jennifer May, Chris Sebastian, Myungii Doh, Dave Kluesner , Elizabeth Butler (USEPA), John McNally (Clean Harbors).

•

OU-1

- Abscope continues removal of weeds from cap area.
- Tie back drilling operations suspended due to safety training at Weeks offices.
 - Water (gallons) processed last 24 hours: 5,000
 - Water (gallons) available for processing: 110,000
- Enclosure operations:
 - Drove King's P-1, 2, 3, 4 to elevation 15.
- Weeks completed installation of last wale 2W1.
- Visitors to the site included: P. Bluestein (Tierra); Jennifer May, Chris Sebastian, Myungii Doh, Dave Kluesner, Elizabeth Butler (USEPA), Michael Turner (Burton Trent).

Project equipment on site and hours of operation (0700 to 1900)

UPF

- 8 Ton deck crane- Utilized for construction of system.
- 100 TON Crane- Utilized for construction of system.
- 40 TON Crane – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 45ft Boom Lift #581 – Utilized for construction of system.

- Scissors lift #268 – Utilized for construction of system.
- Scissors lift #482 – Utilized for construction of system.
- Generator – Utilized for construction of system.
- 100 T crane – Utilized for erection of canopy.
- Boom Lifts (2) – Utilized for erection of canopy.
- 3 ton Telehandler - Utilized for erection of canopy.
- 4.5 ton Telehandler – Utilized for off-loading crane mats.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- utilized for movement of materials and equipment.
- All Terrain 50 T crane – Not utilized.
- Weeks 451 Crane Barge- Utilized to drive piles for enclosure.
- Nicholson drill rig, man lift and equipment- Not utilized.
- Weeks float stations – utilized for OU-1 flood wall work.
- Weeks welding machines and generators – utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Held IIF and LPS safety training at Week's offices in Cranford, NJ.
- Estimated Man hours- 440

Communications: None

Tomorrow's Planned Activities

UPF

- Place crane mats for Adler tanks.
- Continue erecting sludge holding tanks 2 and 3.
- Continue erection of canopies.
- Continue mechanical on Filter Press frames.
- Continue working on pipe layout and drawings.
- Continue electrical work.

OU-1

- Continue installation of wales as available along OU-1 flood wall.
- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of king piles and sheeting.

Technical Issues: None



Setting king pile P-1.



View of king pile P-1 from OU-1 floodwall.



View looking west of driven king piles inside template.



Setting south canopy structural steel.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T079-10.21.11 <u>Date:</u> 10/21/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 Shelby-20 CHES-3 Big Top - 3 SECI – 5 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; John LaLonde; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Overcast; PM- Partly sunny		<u>Temperature:</u> Min. 50 F / 61F Max. <u>Wind:</u> 5-20 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue with gravity thickener construction.
- Continue with installation of cable trays around south Filter Presses (3 and 4)
- Continue with installation of walkways and decking for south Filter Presses (3 and 4)
- Complete erecting pre-assembled arches, x-bracing and cabling for canopy frames over north filter presses (1 and 2).
- Move around and place crane mats for Adler tanks in water treatment area.
- Continued erection of sludge tanks
- Visitors to the site included: Bob Romagnoli (ARCADIS), Elizabeth Butler (EPA), Mark Kucera and Lucia Gamba (USACE).

OU-1

- Enclosure operations:
 - Drove King's P-5, 6,7,8,9 to elevation 15.
 - Drove Sheets S-1, 3, 4,5,6,8 to elevation 15.
- Tieback operations-
 - Completed drilling of tieback T-16, 15 of 37 completed.
 - Water (gallons) processed last 24 hours: 4,000
 - Water (gallons) available for processing:105,000
- Visitors to the site included: Elizabeth Butler (EPA), Mark Kucera and Lucia Gamba (USACE).

Project equipment on site and hours of operation (0700 to 1900)

UPF

- 100 TON Crane- Utilized for construction of system.
- 40 TON Crane – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Scissors lift #482 – Utilized for construction of system.
- Generator – Utilized for installation of gravity thickener tank.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 577.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Complete installation of gravity thickener.
- Continue installing decking and railing on Filter Press frames.
- Continue working on pipe layout and drawings.
- Continue electrical work.
- Complete anchoring on north canopy, erect cover.
- Deliver and install Adler tanks.

Monday's Planned Activities

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Complete installation of first template along Sherwin-Williams floodwall.

Technical Issues: None



Driving sheets in template #1.



Installation of cable trays on south filter presses.



Verifying plumbness of pile.



Completed frame and x-bracing for north filter presses.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T080-10.22.11 <u>Date:</u> 10/22/11 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Big Top-3 SECI-5 CHES-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: None Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Mostly sunny; PM- Mostly sunny		<u>Temperature:</u> Min. 43 F / 62F Max. <u>Wind:</u> 5-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Install anchors on south filter press station.
- Completed support blocking for GAC units.

OU-1 No activities

Project equipment on site and hours of operation (0630 to 1700)

UPF

- Articulated fork lift - Utilized for construction of Canopy.
- Man lift (2) - Utilized for construction of Canopy.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- All Terrain 50 T crane – Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Nicholson drill rig, man lift and equipment- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 90

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting canopy on south press station.
- Install anchors on north filter press station.

Monday's Planned Activities

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure along Sherwin-Williams floodwall.

Technical Issues:

- Anchors for canopy extremely difficult to drive due to compaction performed prior to canopy placement. Therefore, only south canopy to have anchors down rather than both structures. Plan to proceed with completing south filter press station canopy on Sunday and adjust schedule as necessary.



South canopy laid out ready to be pulled over the top for installation.



Typical anchors awaiting installation.



Installing anchor.



Installed anchor.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T081-10.23.11 <u>Date:</u> 10/23/11 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> Big Top-3 CHES-1 Amquip-1 Hometown Security -1	<u>ARCADIS Personnel</u>	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: None Owner Representatives: None USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Overcast; partly sunny; PM- partly sunny		<u>Temperature:</u> Min. 48 F / 58F Max. <u>Wind:</u> 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Install fabric cover on south filter press station.
- Install anchors on north filter press station.

OU-1 No activities

Project equipment on site and hours of operation (0630 to 1900)

UPF

- 100 TON Crane- Utilized for construction of Canopy.
- Articulated fork lift - Utilized for construction of Canopy.
- Manlift (2) - Utilized for construction of Canopy.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- All Terrain 50 T crane – Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Nicholson drill rig, man lift and equipment- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 70

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks 2 and 1.
- Continue installing decking and railing on Filter Press frames.
- Continue working on pipe layout and drawings.

- Continue electrical work.
- Continue erection of north canopy.

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure along Sherwin-Williams floodwall.

Technical Issues: None



Installing 50 foot section of south canopy.



Canopy cover is made of flame retardant materials.



South canopy completed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T082-10.24.11 <u>Date:</u> 10/24/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 7 DPK-1 Shelby-24 CHES-3 Big Top - 3 SECI – 4 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Sunny; PM- Partly sunny		<u>Temperature:</u> Min. 47 F / 63F Max. <u>Wind:</u> 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed installation of anchors for north canopy.
- Completed installation of concrete blocks for south canopy.
- Set 4 Adler tanks on crane (wood) mats.
- Continue installation of gravity thickener.
- Continue with installation of cable trays around south Filter Presses (3 and 4)
- Continue with installation of walkways and decking for south Filter Presses (3 and 4)
- Continue electrical work.
- Continued erection of sludge tanks
- Visitors to the site included: Paul Bluestein (Tierra), Teo Marco (YPF).

OU-1

- Enclosure operations:
 - Placed template in new location along SW wall.
- DPK performed weekly survey monitoring.
- Tieback operations-
 - Completed drilling of tieback T-17, T-19 17 of 37 completed.
 - Water (gallons) processed last 24 hours: 11,000
 - Water (gallons) available for processing: 99,000
- Visitors to the site included: James Neumann, Greg Screico (Newark Fire department) Paul Bluestein (Tierra), Teo Marco (YPF).

Project equipment on site and hours of operation (0600 to 1930)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized
- Honda 2" trash pump, 200' of discharge hose, 20' of suction hose- delivered to site.
- 40 TON Crane – Utilized for construction of system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.

- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Boom Lifts (2) – Utilized for erection of canopy.
- 4.5 T Telehandler – Utilized for erection of canopy.
- Generator – Utilized for construction of system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 580

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Continue working on pipe layout and drawings.
- Continue electrical work.
- Erect cover for north canopy.
- Deliver and install 3 Calgon carbon units.

Tomorrow's Planned Activities

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Commence installation of second template along Sherwin-Williams floodwall.

Technical Issues: None



View of anchors within framework for canopy.



Concrete blocks set on south rail of canopy.



Drilling T- 19 tieback.



View of installing second template along SW wall.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T083-10.25.11 <u>Date:</u> 10/25/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 7 Shelby-25 CHES-3 Big Top - 3 SECI – 5 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
<u>Weather:</u> AM- Sunny; PM- Partly cloudy		<u>Temperature:</u> Min. 50 F / 66F Max. <u>Wind:</u> 5-20 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Set 6 skid mounted carbon vessels (GAC units) on 6 concrete pads in the NW corner of the water treatment area with 250 T crane.
- Completed installation of top for north canopy.
- Completed installation of concrete blocks for south canopy.
- Set 3 Adler tanks on crane (wood) mats.
- Continue installation of gravity thickener.
- Continue with installation of cable trays around south Filter Presses (3 and 4)
- Continue with installation of walkways and decking for south Filter Presses (3 and 4)
- Continue electrical work.
- Continued erection of sludge tanks
- Visitors to the site included: John McNally (CHES), Don Ivey (Calgon Carbon).

OU-1

- Enclosure operations:
 - Placed and drive 7 king piles and remove template to drive sheets along SW wall.
- Tieback operations-
 - Completed drilling of tieback T-18 T-19 19 of 37 completed.
 - Water (gallons) processed last 24 hours: 9,000
 - Water (gallons) available for processing: 99,000
- Visitors to the site included: Jennifer Consalazio (OSHA).

Project equipment on site and hours of operation (0600 to 1930)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized
- Honda 2" trash pump, 200' of discharge hose, 20' of suction hose- delivered to site.
- 40 TON Crane – Utilized for construction of system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.

- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Boom Lifts (2) – Utilized for erection of canopy.
- 4.5 T Telehandler – Utilized for erection of canopy.
- Generator – Utilized for construction of system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- Received a complaint from OSHA along with an inspection. ARCADIS provided Ms Jennifer Consalazio with details of the operation along with a site inspection of the drilling operations. OSHA did not have a closing conference or issue any violations. Ms. Consalazio stated she would return to the site to interview additional employees.
- Successfully lifted 6 carbon units with 250 T crane.
- Estimated Man hours- 571.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work.
- Complete canopy work.
- Commence piping with carbon vessels.

Tomorrow's Planned Activities

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure along Sherwin-Williams floodwall.

Technical Issues: None



View of setting first carbon vessels.



First canopy top pulled over north filter presses.



Both canopy tops pulled over north filter presses.



View of gap between SW wall and new enclosure wall.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T084-10.26.11 <u>Date:</u> 10/26/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 7 SECI – 5 Shelby-25 CHES-3 Big Top-2 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Sunny; PM- Partly sunny		<u>Temperature:</u> Min. 49 F / 64F Max. <u>Wind:</u> 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed installation of north and south canopy.
- Install piping on carbon units.
- Completed placement of anchoring blocks inside canopy walls.
- Continue installation of gravity thickener.
- Continue with installation of cable trays around south Filter Presses (3 and 4)
- Continue with installation of various mechanical parts for south Filter Presses (3 and 4)
- Continue electrical work.
- Continued erection of sludge tanks
- Visitors to the site included: Don Ivey, Stephanie Carr (Calgon Carbon).

OU-1

- Enclosure operations:
 - Placed King piles P1-15 with sheets to final elevation.
- Tieback operations-
 - Completed drilling of tieback T-20, T-21 21 of 37 completed.
 - Proof tested T-2, T-8, T-10, T-13.
 - Water (gallons) processed last 24 hours: 9,000
 - Water (gallons) available for processing: 95,000
- Visitors to the site included: Kathleen Haskey (Weeks).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized
- Honda 2" trash pump, 200' of discharge hose, 20' of suction hose- Not utilized.
- 40 TON Crane – Utilized for construction of system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of system.

- Scissors lift #268 – Utilized for construction of system.
- Boom Lifts (2) – Utilized for erection of canopy.
- 4.5 T Telehandler – Utilized for erection of canopy.
- Generator – Utilized for construction of system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- Reviewed site handrails with Kathleen Haskey (Weeks).
- Estimated Man hours- 618

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work.
- Continue piping with carbon vessels.

Tomorrow's Planned Activities

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure along Sherwin-Williams floodwall.

Technical Issues: None



View of reinforced opening in canopy for cable tray.



Completed north and south canopy.



View of wall looking west in close proximity to Sherwin Williams wall.



Carbon vessels lined up at UPF pad.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T085-10.27.11 <u>Date:</u> 10/27/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 22 Nicholson- 7 Shelby-25 CHES-3 SECI – 5 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
<u>Weather:</u> AM- Rain; PM- Rain		<u>Temperature:</u> Min. 40 F / 59F Max. <u>Wind:</u> 5-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed layout and installation of piping on carbon units.
- Continue with installation of cable trays around north and south Filter Presses
- Continue with installation of walkways and decking for south Filter Presses (3 and 4)
- Continue electrical work on Press set 1.
- Continued erection of sludge tanks.
- Set and operated 2 inch trash pump for catch basin system due to inclement weather.
- Visitors to the site included: Kavin Gandhi (ARCADIS).

OU-1

- Enclosure operations:
 - Template installed to facilitate P-17 thru P-21
 - P-17 and P-18 are set (not driven)
 - Work stopped due to inclement weather
- Tieback operations-
 - Completed drilling of tieback T-21, T-22 17 of 37 completed.
 - Stressed successfully tieback T-12, T-14
 - Water (gallons) processed last 24 hours: 5,000
 - Water (gallons) available for processing: 94,000

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Case 580 Extend-a Hoe- Not utilized
- Honda 2" trash pump, 200' of discharge hose, 20' of suction hose- Utilized for dewatering.
- 40 TON Crane – Utilized for construction of system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Generator – Utilized for construction of system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- placed in river-not utilized for emergency response.

Health and Safety:

- Held a review session at OU-1 for fall protection requirements. No issues.
- Estimated Man hours- 603

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work on filter presses.
- Continue piping for carbon vessels.

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure along Sherwin-Williams floodwall.

Technical Issues: None



Cabling and wiring control box for filter press.



View of newly constructed wall looking west.



**Construction of cross bridge
over south sludge tank.**



View of installing king pile looking northwest.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T086-10.28.11 <u>Date:</u> 10/28/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 8 JEL-1 SECI-5 Shelby-25 CHES-3 Calgon-1 Amquip-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Sunny; PM- Partly sunny		<u>Temperature:</u> Min. 36 F / 52F Max. <u>Wind:</u> 0-10 MPH

Contractor's Activities, Visitors, Remarks:

- Set-up 2" trash pump and discharge hose to pump down storm water collected in the storm water collection system. Water is pumped off the southern side of the asphalt pad along the silt fence.
- Minor filling and grading of low areas holding water around asphalt perimeter.
- Continue installation of sludge holding tanks.
- Continue pulling wire and cables for the north Filter Presses (1 and 2)
- Continue with installation of cable trays and disconnects for north and south Filter Presses
- Continue with installation of safety rails, screens and guards for south Filter Presses (3 and 4)
- Continue with field measurements for pipe installation and pre-fabrication.
- Lay-out plumbing for carbon vessels.
- Continue with installation of plumbing for carbon vessels.
- Delivered and set Actiflo Trailer for water treatment system.
- Unload SCH 80 PVC piping for water treatment system.
- Continue electrical work.

OU-1

- Enclosure operations
 - P-17 thru P-21 are driven to final elevation.
 - Adjacent sheet pile pairs (S-17 thru S-21) are driven to final elevation.
- Tieback operations-
 - Completed drilling of tieback T-24 23 of 37 completed.
 - Completed stressing tieback T-15, T-16, T-17.
 - Water (gallons) processed last 24 hours: 9,000
 - Water (gallons) available for processing: 103,000
- JEL picked up cores for grout testing.
- Visitors to the site included: Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for equipment movement.
- Honda 2" trash pump- Utilized for pumping storm water.

- 40 TON Crane – Utilized for construction of system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of system.
- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Generator – Utilized for construction of system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Weeks/ARCADIS performed a site inspection. Housekeeping could be improved.
- Estimated Man hours- 577.5

Communications: None

Tomorrow's Planned Activities

UPF

- Perform various mechanical repairs to filter press area.

OU-1

- General cleanup for press event.

Technical Issues: None



Actiflo Trailer delivered to site and set in place.



Plumbing carbon vessel at UPF.



SCH 80 piping delivered for plumbing water treatment system.



King Pile with welded steel inclinometer casing on deck of barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T087-10.29.11 Date: 10/29/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): Weeks- 1 SECI – 5 Hometown Security -1	ARCADIS Personnel Zach McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Rain/snow; PM- Rain/snow		Temperature: Min. 33 F / 46F Max. Wind: 5-25 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Pumping from storm water system.
- SECI performed various minor mechanical tasks related to filter press operations.

OU-1

- General site cleanup.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized
- Honda 2" trash pump, 200' of discharge hose, 20' of suction hose- Utilized.
- 40 TON Crane – Not Utilized for construction of system.
- 8 Ton deck crane – Not Utilized for construction of system.
- 2T forklift – Not Utilized for construction of system.
- 8T Telehandler – Not Utilized for construction of system.
- 4.5 T Telehandler – Not Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Not Utilized for construction of system.
- Scissors lift #268 – Not Utilized for construction of system.
- Boom Lifts (2) – Not Utilized for erection of canopy.
- 4.5 T Telehandler – Not Utilized for erection of canopy.
- Generator – Not Utilized for construction of system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not Utilized.
- All Terrain 50 T crane – Not Utilized.
- Weeks 451 Crane Barge- Not Utilized.
- Nicholson drill rig, man lift and equipment- Not Utilized.
- Weeks float stations – Not Utilized.
- Weeks welding machines and generators – Not Utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 68

Communications: None

Monday's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work.
- Receive filters for water treatment.
- Commence piping with carbon vessels.

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure along Sherwin-Williams floodwall.

Technical Issues: None



View of canopies from ARCADIS trailer.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T088-10.31.11 <u>Date:</u> 10/31/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 18 Nicholson- 7 DPK-1 SECI - 5 Shelby - 29 AMQUIP - 2 Clean Harbors – 4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley, Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 32 F / 55F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Discharged storm water off the southern side of the asphalt pad along the silt fence.
- Clear ice and snow around canopies and sludge tanks so deck crane and fork lift can maneuver for erecting side walls.
- Continue erection of sludge holding tanks.
- Continue with field measurements for Filter Press pipe installation and pre-fabrication.
- Continue piping lay-out for carbon vessels
- Continue with piping installation for carbon vessels
- Continue with mechanical work on Filter Presses.
- Continue electrical work.
- Visitors to the site included: Kurt Merkle (ARCADIS), Mark Kucera, Michael Johnson (USACE) and several folks attending the USEPA press event.

OU-1

- Enclosure operations:
 - Placed wales along enclosure located forward of SW wall.
- Tieback operations-
 - Completed drilling of tieback T-27, T-26 25 of 37 completed.
 - Water (gallons) processed last 24 hours: 9,000
 - Water (gallons) available for processing: 103,000
- Visitors to the site included: Kurt Merkle (ARCADIS), Mark Kucera, Michael Johnson (USACE) and several folks attending the USEPA press event .

Project equipment on site and hours of operation (0600 to 1930)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for clearing snow and ice from site.
- Honda 2" trash pump- Utilized for pumping of waters from storm water system.
- 40 TON Crane – Utilized for construction of system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.

- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Generator – Utilized for construction of system.
- Boom Lifts– Not utilized.
- 4.5 T Telehandler – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure installation.

Health and Safety:

- No issues. Surfaces surrounding the site were slippery based on weekend's snow event.
- Estimated Man hours- 616

Communications:

- USEPA held a public affairs function at OU-1. Approximately 50 people attended the function at OU-1, 20 visited the UPF site.

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work.
- Commence piping with carbon vessels.

Tomorrow's Planned Activities

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure along Sherwin-Williams floodwall.

Technical Issues:

- Vibratory hammer broke at approximately 0900 in morning. Work continued throughout today and focus has changed to minimize impact by beginning installation of walers along Sherwin Williams wall commencing tomorrow. Hammer should be operational by Wednesday.



View of USEPA press event at OU-1.



View from river looking at drilling operations.



Installing north sludge tank 3 floor.



Erecting middle Sludge Holding Tank 1.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T089-11.01.11 Date: 11/01/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 16 Nicholson- 7 SECI - 5 Shelby - 29 AMQUIP - 2 Clean Harbors – 4 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Adam Chwalibog	USEPA/USACE Representatives: Ken Maley
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 32 F / 55F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue with piping lay-out for system
- Commence piping for equalization tank headers
- Commence setting of air compressors for filter presses.
- Continue with installation of walkways, brackets, clamps and decking.
- Continue electrical work for sediment processing.
- Continued erection of sludge tanks
- Visitors to the site included: John McNally (CHES).

OU-1

- Enclosure operations:
 - Prepared to install wale along SW wall.
- Tieback operations-
 - Completed drilling of tieback T-25, T-28 27 of 37 completed.
 - Water (gallons) processed last 24 hours: 7,000
 - Water (gallons) available for processing: 108,000

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe - Not utilized.
- Honda 2" trash pump- Utilized for pumping of waters from gravity thickener.
- 40 TON Crane – Utilized for construction of system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of system.
- 8T Telehandler – Utilized for construction of system.
- 45ft Boom Lift #581 – Utilized for construction of system.
- Scissors lift #268 – Utilized for construction of system.
- Generator – Utilized for construction of system.
- Boom Lifts– Utilized for construction of water treatment system.
- 4.5 T Telehandler – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Received summary of ARCADIS site audit. Additional focus required on centralization of personnel training records.
- Estimated Man hours- 600

Communications: None

Tomorrow's Planned Activities

UPF

- Off-load and stage conveyor systems.
- Continue with piping for equalization tank headers
- Deliver (1) sand filter unit, (2) bag filters, and hose rack.
- Continue erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work.

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Commence installation of wale beams along Sherwin-Williams floodwall.

Technical Issues:

- Meeting held with Nicholson and Weeks to discuss excessive use of grout and additional time required drilling tiebacks over the original projected schedule. ARCADIS agreed to review Nicholson comments at conclusion of meeting.



View of Nicholson tieback crew.



View looking north of water treatment pad.



Layout of PVC fittings.



Constructing north Sludge Holding Tank 3.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T090-11.02.11 <u>Date:</u> 11/02/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 SECI - 5 Shelby - 29 AMQUIP - 2 Clean Harbors – 3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Partly sunny		Temperature: Min. 37 F / 60F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Received conveyor systems for separation unit and dewatering unit.
- Received Bag and Sand Filters for water treatment system.
- Prepare NW corner stockpile for pulling and placing LLDPE cover.
- Continue setting air compressor tanks for Filter Presses
- Complete field measurements for Filter Press pipe installation and pre-fabrication.
- Continue with piping lay-out and piping support structure design for water treatment system
- Continue with piping for equalization tank headers.
- Place one skid of sand filters (MMF) on pressure treated 4x4's as specified in submittal.
- Continue with installation of cable trays around south Filter Presses.
- Continue with installation of walkways and decking for Filter Presses.
- Continue electrical work.
- Continued erection of sludge tanks.
- Visitors to the site included: Paul Bluestein (Tierra).

OU-1

- Enclosure operations:
 - Continue installation of wales along SW wall.
- Tieback operations:
 - Completed drilling of tieback T-30, T-31 29 of 37 completed.
 - Water (gallons) processed last 24 hours: 9,000
 - Water (gallons) available for processing: 108,000
- Visitors to the site included: Paul Bluestein (Tierra), Kathleen Haskey (Weeks).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for preparing stockpile for tarp.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.

- 8T Telehandler – Utilized for construction of sediment processing system.
- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Boom Lifts (2) – Utilized for erection of water treatment system.
- 4.5 T Telehandler – Utilized for erection of water treatment system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure wall inspection.

Health and Safety:

- No issues.
- Additional emergency rescue drill review involving Newark Fire Department, Weeks, site supervisory personnel.
- Estimated Man hours- 617.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work.
- Commence construction of process water tank.
- Complete placement of sand filters.
- Continue piping to equalization tanks.

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure.
- Emergency Response drill for Newark Fire Department.

Technical Issues: None



View of tieback drilling T-30.



View of wale installed along enclosure wall.



Off-load conveyors.



Constructing north Sludge Holding Tank 3.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T091-11.03.11 <u>Date:</u> 11/03/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Nicholson- 7 SECI - 5 Shelby - 29 AMQUIP - 2 CHES – 4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 39 F / 63F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Shape and prepare NW corner stockpile for pulling and placing LLDPE cover.
- Continue construction of Sludge Holding Tank 1 and 3.
- Commence construction of Process Water Tank flooring.
- Continue setting air compressors and tanks for Filter Presses.
- Begin placing and leveling conveyor systems.
- Continue with piping lay-out and piping support structure design for water treatment system
- Continue with piping for equalization tank headers
- Place two skids of sand filters (MMF) on pressure treated 4x4's as specified in submittal.
- Continue with installation of cable trays around Filter Presses.
- Continue with installation of walkways and decking for Filter Presses.
- Continue electrical work.
- Visitors to the site included: Marty Pinck (Hometown Security).

OU-1

- Enclosure operations:
 - Removed template and drove P-22 to final elevation.
- Tieback operations-
 - Completed drilling of tieback T-32, T-33 31 of 37 completed.
 - Water (gallons) processed last 24 hours: 9,000
 - Water (gallons) available for processing: 98,000
- Visitors to the site included: Kathleen Haskey (Weeks).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for preparing stockpile for tarp.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.

- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Boom Lifts (2) – Utilized for erection of water treatment system.
- 4.5 T Telehandler – Utilized for erection of water treatment system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure wall inspection.

Health and Safety:

- No issues.
- Additional emergency rescue drill review involving Newark Fire Department, Weeks, site supervisory personnel.
- Estimated Man hours- 627.5

Communications: None

Tomorrow's Planned Activities

UPF

- Begin constructing Process Water Tank.
- Continue with piping for equalization tank headers.
- Continue with mobilizing and staging Adler tanks for final placement along east perimeter of water treatment pad.
- Complete major mechanical work for erecting sludge holding tanks.
- Continue mechanical work for filter presses.
- Continue electrical work.
- Continue conveyor work.
- Commence process water tank installation.

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure in Passaic River.

Technical Issues:

- While driving P-22 (corner piece) to final top elevation, adjacent sheet pair (S-21) was also driven down. The sheet pile attached to king pile P-22 continued to lower with P-22 to an unrecoverable depth. ARCADIS and Weeks are developing a solution to the issue.



Installing tieback tendon.



Lifting tieback tendon into place.



Placing, aligning, and leveling conveyors.



Positioning radial conveyor.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T092-11.04.11 <u>Date:</u> 11/04/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 20 Nicholson- 6 SECI-5 Shelby-29 CHES-5 Big Top - 3 SECI – 5 Amquip-2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Adam Chwalibog Zachary McCoy Kavin Gandhi	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- Sunny; PM- Partly sunny		Temperature: Min. 40F / 55F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Prepare NW corner stockpile for pulling and placing LLDPE cover.
- Continue north Sludge Holding Tank (Tank 3) construction.
- Complete Process Water Tank wall construction.
- Continue setting air compressors and tanks for Filter Presses.
- Continue placing and leveling conveyor systems.
- Continue with piping lay-out and piping support structure design for water treatment system.
- Continue with piping for equalization tank headers.
- Delivery and placement of (6) Adler tanks for treated water and solids backwashing.
- Remove ports on sand filters to perform CQA inspection and confirm cleaning and flushing of filters prior to mobilization to site.
- Continue with installation of cable trays around south Filter Presses (3 and 4)
- Continue with installation of walkways and decking for south Filter Presses (3 and 4)
- Continue electrical work.
- Visitors to the site included: Elizabeth Butler (USEPA).

OU-1

- Enclosure operations:
 - Installed P-23 through 30 to elevation 15.
 - Installed S-22, 24, 25,26,27,29 to elevation 15.
- Tieback operations-
 - Completed drilling of tieback T-33- 31 of 37 completed.
 - Water (gallons) processed last 24 hours: 10,000
 - Water (gallons) available for processing:99,000
- Visitors to the site included: Elizabeth Butler (USEPA), Kathleen Haskey (Weeks).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for preparing stockpile for tarp.
- Honda 2" trash pump- Not utilized.

- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Boom Lifts (2) – Utilized for erection of water treatment system.
- 4.5 T Telehandler – Utilized for erection of water treatment system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure wall inspection.

Health and Safety:

- Completed last day of emergency response drills involving Newark Fire Department and OU-1. Lessons learned included providing the fire department with the site construction safety plan.
- Additional air monitoring performed for tie back drilling operations and associated equipment. No evidence of elevated readings observed.
- Reviewed tieback installation JSA.
- No issues.
- Estimated Man hours- 650

Communications: None

Tomorrow's Planned Activities

UPF

- Inspect electrical control container for Filter Press Set 1
- General site clean-up and organization.
- Continue with piping for equalization tank headers.

Monday's Planned Activities

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



View of enclosure wall looking northwest.



Constructing Process Water Tank.



Drilling tieback # 33.



View looking east of Sediment Processing Pad construction.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T093-11.05.11 Date: 11/05/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): SECI – 5 SECI - 5 Clean Harbors – 5 Hometown Security -1	ARCADIS Personnel Michael Pelenski Zachary McCoy	
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: Bart Hiemstra ; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 37 F / 56F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Pump down remaining accumulated water in storm water collection system from previous weekend storm.
- Place cover on NW stockpile.
- Inspect electrical control box wiring and connections for generator.
- Perform general site clean-up and organization.
- Continue with piping lay-out and piping support structure design for water treatment system.
- Continue with piping for equalization tank headers.
- Pump bypass piping for bag filter for process water system.

Project equipment on site and hours of operation (0700 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for placement of Tarp on NW stockpile.
- Honda 2" trash pump- Utilized for pump down of excess waters.
- 40 TON Crane – Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 4.5 T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- Scissors lift #268 – Not utilized.
- Boom Lift – Utilized for erection of water treatment system.
- 4.5 T Telehandler – Utilized for erection of water treatment system.
- Generator – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- All Terrain 50 T crane – Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Nicholson drill rig, man lift and equipment- Not utilized.
- Weeks float stations – Not utilized.

- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 122

Communications: None

Tomorrow's Planned Activities

UPF

- Continue with piping for equalization tank headers

OU-1 No activities

Technical Issues: None



Pulling tarp over NW stockpile.



NW stockpile cover placed and secured.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T094-11.06.11 <u>Date:</u> 11/06/11 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> CHES-4 Hometown Security -1	<u>ARCADIS Personnel</u> Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 36 F / 51F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Setting piping for Carbon vessels.

OU-1 No Activities

Project equipment on site and hours of operation (0700 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 4.5 T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- Scissors lift #268 – Not utilized.
- Boom Lift – Utilized for erection of water treatment system.
- 4.5 T Telehandler – Utilized for erection of water treatment system.
- Generator – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- All Terrain 50 T crane – Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Nicholson drill rig, man lift and equipment- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- Performed a TIP with Clean Harbors on plumbing erection.
- No issues.
- Estimated Man hours- 60

Communications: None

Tomorrow's Planned Activities

UPF

- Complete erection of water process tank.
- Continue mechanical work for filter presses.
- Continue electrical work.
- Continue erection of process piping for water treatment system.

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



**View of WTS looking west
showing piping arrangements.**



Applying PVC glue to header piping.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T095-11.07.11 <u>Date:</u> 11/07/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 21 Nicholson- 7 DPK-1 SECI - 5 Shelby - 25 AMQUIP - 2 CHES – 9 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 49F / 65F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue with construction of sludge holding tanks.
- Continue with North Filter Press Set 1 (Presses 1 and 2) electrical and mechanical work.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Begin wiring temporary generator to temporary control panels (breakers) and Filter Press Set 1 electrical control box for debugging system.
- Continue placing and leveling conveyor systems
- Continue plumbing pre-fabricated pipe sections for carbon vessels.
- Continue with piping lay-out and piping support structure design for water treatment system.
- Continue with piping for equalization tank headers.
- Set (2) Adler tanks along eastern perimeter of water treatment pad for temporary treated water.
- Continue with off-site pre-fabrication work on electrical and pump house buildings
- Commence header piping for bag filter, carbon and water discharge for WTS.

OU-1

- Enclosure operations:
 - Installed P-23 through 30 to final elevation.
- Tieback operations-
 - Completed drilling of tieback T-29, T-35 - 34 of 37 completed.
 - Water (gallons) processed last 24 hours: 13,000
 - Water (gallons) available for processing: 103,000
- DPK performed weekly monitoring of the OU-1 floodwall.
- Visitors to the site included: Jennifer Consalazio, Chet Lloyd, (OSHA), Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for preparing stockpile for tarp.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.

- 8T Telehandler – Utilized for construction of sediment processing system.
- 4.5 T Telehandler – Utilized for construction of water treatment system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Boom Lifts (2) – Utilized for erection of water treatment system.
- 4.5 T Telehandler – Utilized for erection of water treatment system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure wall inspection.

Health and Safety:

- Received OSHA inspection visit from Jennifer Consalazio and Chet Lloyd. Chet was on site to specifically look at fall protection. Jennifer was on site to observe operations and interview additional field personnel. Jennifer requested ARCADIS provide documentation. Chet stated he would return to the office and provide further information.
- Estimated Man hours- 653

Communications: None

Tomorrow's Planned Activities

UPF

- Complete electrical work on Filter Press Set 1
- Commence debugging Filter Press Set 1
- Continue Sludge Tank 3 bridge installation
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles)
- Begin concrete form work for stair case and conveyor pads for sediment processing
- Complete bag filter header
- Continue with plumbing pre-fabricated pipe sections for carbon vessels

OU-1

- Continue use of FMS.
- Continue installing tie backs.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Preparing to drill T-29.



OSHA inspector measuring top rail and side rail for compliance.



OSHA inspectors performing a tour of the OU-1 flood wall.



Plugs wired in control box for Filter Press Set 2.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T096-11.08.11 Date: 11/08/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 17 Nicholson- 7 SECI - 5 Shelby - 25 AMQUIP - 2 CHES – 8 Veolia - 2 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Adam Chwalibog	Day of Week: <u>S M [T] W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 43F / 67F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue construction on sludge holding tanks.
- Began energizing North Filter Press Set 1 (Presses 1 and 2) control panel.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Continue placing and leveling conveyor systems
- Build concrete forms for stair case and conveyor pads
- Prepare Gravity Thickener keyway ring for concrete
- Install piping for bag filter header
- Continue building carbon piping
- Continue piping for discharge header
- Continue with piping for equalization tank headers
- Commence piping headers for sand filters (MMF).
- Commence piping Actiflo trailer.
- Visitors to the site included: Paul Bluestein , Paul S. Brzozowski, Dave Rabbe (Tierra); W.L. Warren, Mark Lell (Tierra Attorneys); John McNally (CHES)

OU-1

- Enclosure operations:
 - Set up for next template.
- Tieback operations-
 - Completed drilling of tieback T-37 - 35 of 37 completed.
 - Water (gallons) processed last 24 hours: 9,000
 - Water (gallons) available for processing: 90,000
- Visitors to the site included: Paul Bluestein, Paul S. Brzozowski, Dave Rabbe (Tierra); W.L. Warren, Mark Lell (Tierra Attorneys); Richard Crawford, Jaime Picorelli (Nicholson).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for construction of process system.

- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Utilized to drill and install tiebacks.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure wall inspection.

Health and Safety:

- No issues.
- Estimated Man hours- 642.5

Communications:

- Inspected Epic container yard (Brills) where material from sediment processing will be shipped via railcar for disposal with B&C.

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tank and MMF headers.
- Commence control panel energy work for filter press set 1
- Pour concrete pads for stairs and gravity thickener keyway.
- Continue debugging Filter Press Set 1
- Continue Sludge Tank 3 bridge installation
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Continue use of FMS.
- Complete drilling of tiebacks.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Bridge installation on Sludge Holding Tank 3.



Cables installed for Filter Press Set 2.



Pulling cable for Filter Press Set 2 (south).



Weeks installing sheet.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T097-11.09.11 <u>Date:</u> 11/09/11 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 7 SECI – 5 Vita - 3 Shelby - 31 AMQUIP - 2 CHES – 8 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 47F / 65F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue construction on sludge holding tanks.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Continue placing and leveling conveyor systems
- Pour concrete for stair case, conveyor pads, and gravity thickener keyway.
- Install piping for bag filter header
- Continue building carbon piping
- Continue piping for discharge header
- Continue with piping for equalization tank headers
- Commence piping headers for sand filters (MMF).
- Visitors to the site included: Matt Bowman, Rob Reed (ARCADIS) Paul Bluestein (Tierra); John McNally, Jim Chrisafano (CHES).

OU-1

- Enclosure operations:
 - Set corner sheet S-1 between enclosure and OU-1 floodwall.
- OSI performed sound monitoring.
- Tieback operations-
 - Completed drilling of tieback T-36 - 36 of 36 completed.
 - Water (gallons) processed last 24 hours: 7,000
 - Water (gallons) available for processing: 81,000
- Visitors to the site included: Matt Bowman, Rob Reed (ARCADIS) Paul Bluestein (Tierra).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for pulling final cover over SW stockpile.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.

- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- Being decontaminated and prepared for offsite shipment.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure wall inspection.

Health and Safety:

- No issues.
- Estimated Man hours- 698.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tank and MMF headers.
- Continue debugging Filter Press Set 1
- Continue Sludge Tank 1 bridge installation.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Continue use of FMS.
- Continue with decon of drilling equipment.
- Commence demobilization of Nicholson equipment.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure in Passaic River.

Technical Issues:

- Abandoned T-38 at 19 foot into drilling operation due to obstruction. Received approval of same from ARCADIS engineers.



Placing concrete for conveyor leveling base plate.



Concrete placed in keyway of gravity thickener.



OSI performing sound monitoring.



Setting corner sheet between enclosure and OU-1 floodwall.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T098-11.10.11 Date: 11/10/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 17 Nicholson- 7 SECI – 5 Vita - 2 Shelby - 31 AMQUIP - 2 CHES – 8 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy Adam Chwalibog	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 43F / 68F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue construction on sludge holding tanks.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Continue placing and leveling conveyor systems
- Strip concrete forms for stair cases and conveyor pads.

- Continue building carbon piping
- Continue piping for discharge header
- Continue with piping for equalization tank headers
- Continue piping headers for sand filters (MMF).
- Visitors to the site included: Rob Reed, Matt Bowman (ARCADIS); Elizabeth Butler, Ray Basso (USEPA); Paul Bluestein, Paul Brzozowski (Tierra).

OU-1

- Enclosure operations:
 - Set template for P-30 to P-37.
- OSI performed sound monitoring during enclosure installation.
- Tieback operations-
 - Installed trumpets n T-21, T-22.
 - Commenced decon operations.
 - Water (gallons) processed last 24 hours: 8,000
 - Water (gallons) on hand to process: 60,000
- Visitors to the site included: Rob Reed and Matt Bowman (ARCADIS).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.

- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson drill rig, man lift and equipment- drill rig off site.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Utilized for enclosure wall inspection.

Health and Safety:

- No issues.
- Estimated Man hours- 686.5

Communications: None

Tomorrow's Planned Activities

UPF

- Shelby not working in honor of Veterans Day.
- Continue with Filter Press Set 1 testing
- Continue piping for carbon vessel, water equalization tank and MMF headers.

OU-1

- Weeks not working in honor of Veterans Day.

Technical Issues: None



Interface monitor for Filter Press Set 1.



**Lifting bridge for installation on
Sludge Holding Tank 1.**



**Cured concrete for Sludge Holding
Tank 2 stair case.**



OSI performing sound monitoring.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T099-11.11.11 <u>Date:</u> 11/11/11 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> Weeks- 1 SECI – 5 Vita - 2 Shelby - 0 AMQUIP - 0 CHES – 8 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Kavin Gandhi	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Bart Hiemstra ; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 34F / 51F Max. Wind: 15-30 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue building carbon piping
- Continue piping for discharge header
- Continue with piping for equalization tank headers
- Continue piping headers for sand filters (MMF).
- Commenced installation of polymer dosing system for gravity thickener.
- Delivered Pre-fabricated HDPE piping for the membrane water tank and pump station pumps.
- Visitors to the site included: Rob Reed, Jamie Beaver, Aaron Hunt, Adam Chwalibog (ARCADIS); Drew Lillis (English Paving); Tim Curtin (US Ecology); James Higgins (Steamfitters Local 475).

OU-1

- Performed general site cleanup activities.
- Pumped FM waters to GWTS
- Visitors to the site included: Rob Reed, Jamie Beaver, Aaron Hunt, Adam Chwalibog (ARCADIS).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for grading on site.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for offloading equipment.
- 8 Ton deck crane – Not Utilized.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Not Utilized.
- 45ft Boom Lift #581 – Not Utilized.
- 45 foot Boom Lift – Not Utilized.
- Scissors lift #268 – Not Utilized.
- Generator – Utilized for construction of sediment processing system.
- 600 KVA generator- Utilized for testing filter press set 1.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized. Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Not utilized. Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Not utilized.
- Nicholson man lift and equipment- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 202

Communications: None

Tomorrow's Planned Activities

UPF

- Continue with Filter Press Set 1 testing
- Continue piping for carbon vessel, water equalization tank and MMF headers.

OU-1 No work

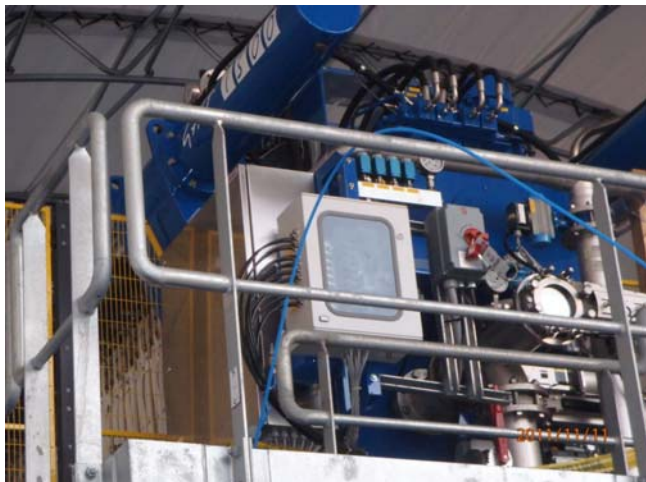
Technical Issues: None



Polymer dosing unit for gravity thickener.



Pump station pumps.



**Testing air control (distribution) box
for Filter Press 1.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T100-11.12.11 Date: 11/12/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): SECI – 5 Vita - 2 CHES – 5 Hometown Security -1	ARCADIS Personnel	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Bart Hiemstra ; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 37F / 57F Max. Wind: 5-20 MPH

Contractor's Activities, Visitors, Remarks:

UPF.

- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue building carbon piping
- Continue piping for discharge header
- Continue with piping for equalization tank headers
- Continue piping headers for sand filters (MMF).

OU-1 No work

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift - Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized. Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Not utilized. Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Not utilized.
- Nicholson man lift and equipment- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 120

Communications: None

Monday's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tank and MMF headers.
- Continue debugging Filter Press Set 1
- Complete Sludge Tank 1 bridge installation.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Commence decon of FMS.
- Continue with decon of drilling equipment.
- Continue demobilization of Nicholson equipment.
- Continue stress testing of tiebacks as available.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Prefabricated pipe awaiting installation.



Installing multimedia filter discharge piping.



View of Water treatment MMF piping looking west.



CHES installing header on carbon unit.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T101-11.14.11 <u>Date:</u> 11/14/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 18 Nicholson- 4 SECI – 5 Vita - 2 Shelby - 30 AMQUIP - 2 CHES – 8 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra /Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 51F / 70F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue work on polymer dosing unit for gravity thickener.
- Install cable trays.
- Continue construction on sludge holding tanks.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Continue placing and leveling conveyor systems
- Continue building carbon piping and pipe supports.
- Continue piping for discharge header
- Continue with piping and supports for equalization tank headers
- Continue piping headers and supports for sand filters (MMF).

OU-1

- Enclosure operations:
 - Removed template from northwest corner of west wall; prepare to drive corner pile and new template tomorrow.
- CHES dropped containers for tieback disposal consolidation.
- Tieback operations-
 - Stress testing complete on T-21, T-22, T-23, T-24 (load cell).
 - Continued decon operations.
 - All HSS's are welded back in place.
 - All trumpets are installed
 - Water (gallons) processed last 24 hours: 6,000
 - Water (gallons) available for GWT processing from tiebacks: 0

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not utilized.
- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.

- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson man lift and equipment- Utilized for stressing and final work efforts.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours-441

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tank and MMF headers.
- Continue debugging Filter Press Set 1
- Continue Sludge Tank 1 bridge installation.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Prepare FMS tanks for decon and off rent.
- Continue with consolidation of tieback solids for transport.
- Continue demobilization of Nicholson equipment.
- Continue stress testing of tiebacks.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



View of west wall of enclosure.



Tieback cuttings material staged in container.



Weeks excavating tieback cuttings and placing them into proper disposal containers.



Wiring and disconnect installed for pump motor on Filter Press.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T102-11.15.11 <u>Date:</u> 11/15/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 18 Nicholson- 4 SECI – 7 Vita - 2 Dierre - 1 Shelby - 32 AMQUIP - 2 CHES – 8 ABSCOPE - 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
<u>Weather:</u> AM- Sunny; PM- Sunny		<u>Temperature:</u> Min. 56F / 66F <u>Max.</u> <u>Wind:</u> 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Pump water from pump station.
- Offload and set three pumps with bases complete with rails and brackets.
- Continue construction on sludge holding tanks.
- Continue construction of polymer dosing unit on gravity thickener tank.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Continue placing and leveling conveyor systems.
- Set temporary water process tanks along the north and south ends of WTS pad.
- Continue building carbon piping.
- Continue piping for discharge header.
- Continue with piping for equalization tank headers.
- Commence piping headers for sand filters (MMF).
- Visitors to the site included: Dardi Roberto (Dierre).

OU-1

- Enclosure operations:
 - Drove 8 king piles to final elevation (P39-P46)
 - Completed enclosure for west wall excepting wale.
- CHES dropped containers for tieback disposal consolidation.
- Tieback operations-
 - Stress testing complete on T-25, T-26 (load cell), T-27, T-28, T-29, T-30 (load cell).
 - Continued decon operations.
 - Water (gallons) processed last 24 hours: 7,000
 - Water (gallons) available for GWT processing from tiebacks: 0
- Visitors to the site included: Tim Lokos (CHES).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for placing of crane mats.
- Honda 2" trash pump- Utilized for pumping off water from catch basin system.
- 40 TON Crane – Utilized for construction of process system.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson man lift and equipment- Utilized for stressing and final work efforts.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 721

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tank and MMF headers.
- Continue debugging Filter Press Set 1.
- Continue electrical /mechanical work Filter Press Set 2.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Decon 4 process water tanks.
- Continue with consolidation of tieback solids for transport.
- Continue demobilization of Nicholson equipment.
- Continue stress testing of tiebacks.
- Continue installation of enclosure in Passaic River.

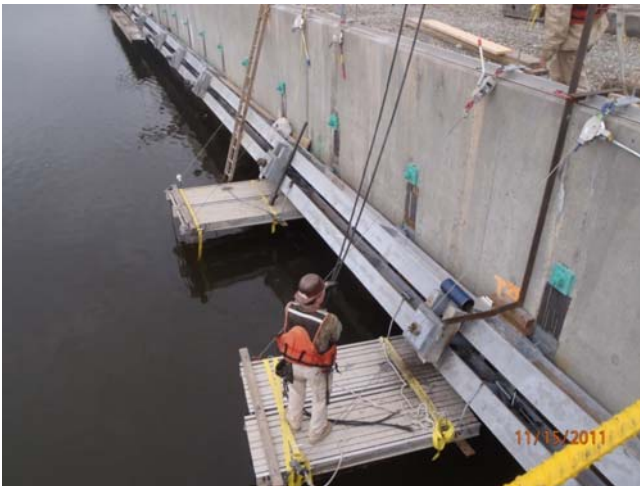
Technical Issues: None



View of west wall of enclosure.



Looking west, first template along north wall.



Nicholson stress testing tieback.



Testing Filter Press 1. Warning light signaling.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T103-11.16.11 <u>Date:</u> 11/16/11 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 17 Nicholson- 4 CHES-7 SECI – 5 Vita - 2 Dierre - 1 Shelby - 32 AMQUIP - 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	<u>Day of Week:</u> <u>S M T [W] T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba; Jeff Kumar		
Weather: AM- Drizzle; PM- Rain		Temperature: Min. 54F / 58F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Pumped storm water from pad area.
- Continue construction on sludge holding tanks.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Continue placing and leveling conveyor systems
- Continue installation of pump station; suspended at 1300 due to rain.
- Continue building carbon piping.
- Visitors to the site included: Paul Bluestein, Brian Mikucki (Tierra) Alina Crincei (YPF).

OU-1

- Enclosure operations:
 - Drove 8 sheets to final elevation (P47-P53).
 - Moved and set template.
 - Commenced installation of walkway.
- CHES dropped containers for tieback disposal consolidation; weighed containers.
- Tieback operations-
 - Stress testing complete on T-31, T-34 (load cell), T-33, T-32, T-35.
 - Dry packed 13 tie backs.
 - Continued decon operations.
 - CHES deconned 4 process water tanks.
 - Water (gallons) processed last 24 hours: 3,000
 - Water (gallons) available for GWT processing from tiebacks: 0
- Visitors to the site included: Paul Bluestein, Brian Mikucki (Tierra) Alina Crincei (YPF).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for handling pump station.
- Honda 2" trash pump- Utilized for pumping of rain waters.
- 40 TON Crane – Utilized for construction of process system.

- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson man lift and equipment- Utilized for stressing and final work efforts.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Confined space entry permit utilized for cleaning of process water tanks.
- Estimated Man hours- 616.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tank and MMF headers.
- Continue debugging Filter Press Set 1
- Confined space entry for carbon vessel inspection.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Remove process water tanks from site.
- Continue with consolidation of tieback solids for transport.
- Continue demobilization of Nicholson equipment.
- Complete stress testing of tiebacks.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Setting template on horses.



Removing tieback materials from spill guard.



Nicholson stress testing tieback.



Visitors taking pictures of the site from a float in the Passaic River.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T104-11.17.11 Date: 11/17/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 18 Nicholson- 4 Rain for Rent-1 SECI – 5 Vita - 2 Dierre - 1 Shelby - 32 AMQUIP - 2 CHES – 5 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Drizzle; PM- Drizzle		Temperature: Min. 39F / 54F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue on punch list items for sludge and water tanks.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Continue installation of pump station.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Received Influent slurry piping to be installed from the enclosure to sediment processing.
- Visitors to the site included: Dardi Roberto (Dierre), Errynne Bell, Morgan Yam, James Austro, Greg Chrysler, Jameson Allen, Frank Maag (Skyline Steel); Dustin Winn, Jerry Romagnoli (ABSCOPE).

OU-1

- Enclosure operations:
 - Drove king piles to final elevation (P47-P53)
 - Drove sheets to final elevation (S-46-S52)
 - Reset template and prepared king piles (P54-P60) for driving.
- Tieback operations-
 - Stress testing complete on T-36, T-37 (load cell) - complete.
 - Dry packing complete, secondary grouting to commence tomorrow.
 - Continued decon operations.
 - Rain for Rent removed one tank from site and set the other tank in a location B&C directed for use by the GWT operations.
 - Water (gallons) processed last 24 hours: 8,000
 - Water (gallons) available for GWT processing from tieback decon: 5,000
- Visitors to the site included: Errynne Bell, Morgan Yam, James Austro, Greg Chrysler, Jameson Allen, Frank Maag (Skyline Steel); Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for placement of pumps in pump station.

- Honda 2" trash pump- Utilized for pumping of rain waters.
- 8 Ton deck crane – Utilized for construction of system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Utilized to assist Nicholson's operations.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson grout plant- Utilized for final work efforts.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general welding around wales.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Site review at OU-1 with Weeks and ARCADIS.
- Estimated Man hours- 582.5

Communications:

- Reviewed 6/8/11 project schedule with B&C site personnel.

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue debugging Filter Press Set 1.
- Continue electrical work on Filter Press Set 2.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Commence secondary grouting for tiebacks
- Remove process water tanks from site.
- Continue with consolidation of tieback solids for transport.
- Continue demobilization of Nicholson equipment.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Nicholson personnel moving between tiebacks dry packing as they go.



Weeks preparing to set sheets.



Setting king piles prior to driving them.



Dual contained HDPE slurry line (8" SDR 7.3 in 12" SDR 17).

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T105-11.18.11 <u>Date:</u> 11/18/11 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> Weeks- 18 Nicholson- 4 SECI – 5 Vita - 2 Diemme - 1 Shelby - 34 AMQUIP - 2 CHES – 6 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Jeff Kumar		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 34F / 49F Max. Wind: 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Install cable trays in tank farm area and for Filter Press Set 2.
- Set Supports (pipe bents) for piping rack.
- ARCADIS reviewed electrical and control installation for pumps with Neil Anderson (Shelby electrician).
- Continue on punch list items for sludge and water tanks.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Completed installation of pump station.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Received prefabricated galvanized pipe for sediment processing system.
- Visitors to the site included: Elizabeth Butler, Alice Yoh, Eugena Naranjo (USEPA); Dardi Roberto (Diemme).

OU-1

- Enclosure operations (approximately 35 % complete):
 - Drove 7 king piles to final elevation.
 - Drove 7 sheets to final elevation.
 - Reset template and prepared 7 king piles for driving.
 - Continue construction of enclosure walkway.
- Tieback operations-
 - Secondary grout work completed.
 - Continued decon operations.
 - Water (gallons) processed last 24 hours: 5,000
 - Water (gallons) available for GWT processing from tieback decon: 5,000
- Visitors to the site included: Elizabeth Butler, Alice Yoh, Eugena Naranjo (USEPA); Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for placement of pumps in pump station.

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- All Terrain 50 T crane – Deconned crane.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Nicholson grout plant- Deconned.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general site work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Site review at OU-1 with Weeks and ARCADIS.
- Estimated Man hours- 582.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue debugging Filter Press Set 1.

OU-1 No activities planned

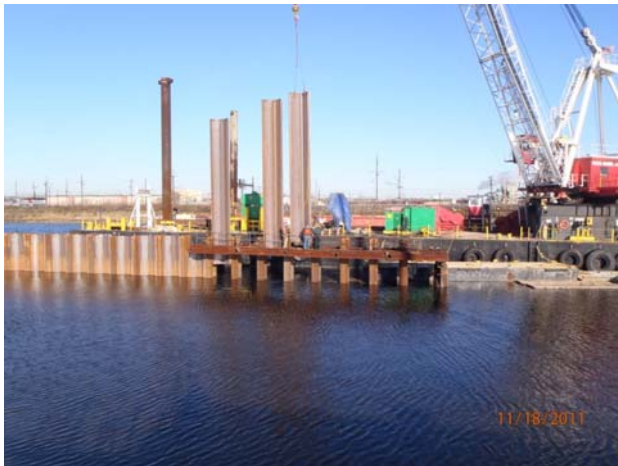
Technical Issues: None



View from walkway of S-W wall and enclosure interface.



Nicholson performing secondary grouting of completed tieback.



Setting sheets prior to driving them.



Pre-fabricated galvanized piping delivered for Filter Presses.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T106-11.19.11 <u>Date:</u> 11/19/11 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> SECI – 3 Vitas-2 CHES – 3 Hometown Security -1	<u>ARCADIS Personnel</u> Zachary McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Ron Diehlhof; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Sunny; PM- Sunny		<u>Temperature:</u> Min. 33F / 53F Max. <u>Wind:</u> 5-20MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.

OU-1 No operations

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift – Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Not utilized.
- 4.5 Ton Telehandler – Not utilized.
- Boom Lift – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 88

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue debugging Filter Press Set 1.

OU-1 No activities planned

Technical Issues: None



View from north of tank header.



Piping manifold from MMF to bag filters.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T107-11.20.11 <u>Date:</u> 11/20/11 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> CHES – 3 Hometown Security -1	<u>ARCADIS Personnel</u> Zachary McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Sunny		Temperature: Min. 46F / 65F Max. Wind: 5-20MPH

Contractor's Activities, Visitors, Remarks:

UPF.

- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.

OU-1 No operations

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift – Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Not utilized.
- 4.5 Ton Telehandler – Not utilized.
- Boom Lift – Not utilized.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Weeks float stations – Not utilized.
- Weeks welding machines and generators – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 40

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue debugging Filter Press Set 1.

- Continue electrical work on Filter Press Set 2.
- Begin piping for sediment processing area.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1

- Commence greasing and capping of tiebacks.
- Continue with consolidation of tieback solids for transport.
- Continue demobilization of Nicholson equipment.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



View of split feed on tank.



Valve being installed in line of header.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T108-11.21.11 <u>Date:</u> 11/21/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 16 Nicholson- 3 DPK-1 SECI – 5 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 7 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Lucia Gamba		
Weather: AM- Drizzle, Partly cloudy ; PM- Partly cloudy		Temperature: Min. 51F / 54F Max. Wind: 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Off load and begin installation of Motor Control Center panels in two conex boxes, one MCC conex for sediment processing and another MCC conex for pumps on the barge.
- Off load and stage pump buildings (Conex boxes)
- Install cable trays in tank farm area and for Filter Press Set 2.
- Set Supports (pipe bents) for piping rack.
- Continue on punch list items for sludge and water tanks.
- Continue energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Continue with South Filter Press Set 2 (Presses 3 and 4) electrical and mechanical work.
- Completed installation of pump station.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Received prefabricated galvanized pipe for sediment processing system.
- Visitors to the site included: Jim Mack (Morris).

OU-1

- Performed layout work for process and outfall lines.
- Performed weekly monitoring of floodwall.
- Enclosure operations (approximately 35 % complete):
 - Drove 7 king piles to final elevation (P-61 to P-67).
 - Drove 7 sheets to final elevation (S-60 to S-66).
 - Reset template and prepared 7 king piles for driving (P-68-P-74).
 - Continue construction of enclosure walkway.
- Tieback operations-
 - Secondary grout work for tremme holes completed.
 - Continued decon and cleanup operations.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for general site cleanup.

- Honda 2" trash pump- Utilized for pumping out storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general site work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 641

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Commence making connections to pump buildings.
- Complete debugging Filter Press Set 1.
- Commence Filter Press Set 2 testing and debugging.
- Complete cable and wiring Filter Press Set 2.
- Punch list Items for Sludge Holding Tanks.
- Pipe installation on Filter Presses.
- Install cable trays and pipe bents.

OU-1

- Commence greasing operations for tiebacks.
- Continue with consolidation of tieback solids for transport.
- Continue demobilization of Nicholson equipment.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Completed tieback before greasing.



Walkway access for enclosure.



MCC panels for sediment processing staged under canopy.



Installation of stair case on Sludge Holding Tank 3.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T109-11.22.11 <u>Date:</u> 11/22/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 16 Nicholson- 3 Rain for Rent- 2 SECI – 4 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 7 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Greg Ertel	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Jeff Kumar		
Weather: AM- Drizzle, Partly cloudy ; PM- Drizzle, Partly cloudy		Temperature: Min. 42F / 51F Max. Wind: 10-20MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Commenced piping for pump buildings (Conex boxes).
- Install cable trays in tank farm area and for Filter Press Set 2.
- Set Supports (pipe bents) for piping rack.
- Continue on punch list items for sludge and water tanks.
- Completed energizing North Filter Press Set 1 (Presses 1 and 2) control panel and debugging same.
- Commence energizing with South Filter Press Set 2 (Presses 3 and 4) and continuing electrical and mechanical work.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Install prefabricated HDPE for core blow lines.

OU-1

- Demobilized crane mats and equipment.
- Enclosure operations:
 - Drove 7 king piles to final elevation (P-68 to P-74).
 - Drove 7 sheets to final elevation (S-67 to S-73).
 - Reset template and prepared 7 king piles for driving (P-75-P-81).
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Performed greasing operations for trumpets on tiebacks to T-21.
 - Removed two rain for rent tanks and one roll off.
 - Continued decon and cleanup operations.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Utilized for general site cleanup.
- Honda 2" trash pump- Utilized for pumping out storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.

- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general site work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Greg Ertel (CES Safety) reviewed with each subcontractor general safety plans, scope of work for balance of year and preliminary plans for full operations next spring.
- Estimated Man hours- 723

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Commence making connections to pump buildings.
- Continue installation of MCC panels.
- Continue Filter Press Set 2 testing and debugging.
- Finalize cable and wiring Filter Press Set 2.
- Punch list Items for Sludge Holding Tanks.
- HDPE and galvanized pipe installation.
- Install cable trays and pipe bents.

OU-1

- Continue greasing operations for tiebacks.
- Continue with consolidation of tieback solids for transport.
- Continue demobilization of Nicholson equipment.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



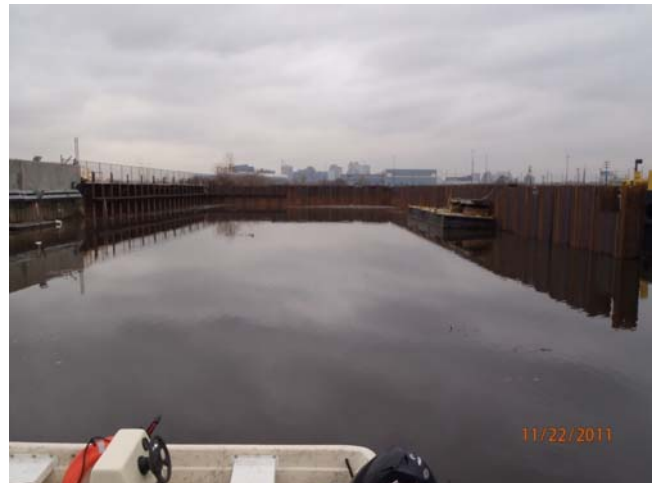
Installation of bolt caps and pump base in process water tank.



Installation of compressed air piping for Filter Press Set 2.



Installation of 6" HDPE pipe for sludge inlet line on Press Set 2.



View of enclosure from ARCADIS boat looking west.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T108-11.23.11 <u>Date:</u> 11/23/11 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 Nicholson- 4 Rain for Rent - 2 SECI – 4 Vita - 2 Shelby - 16 AMQUIP - 2 CHES – 6 Liftec-1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Ron Diehlhof; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Jeff Kumar		
<u>Weather:</u> AM- Drizzle/rain ; PM- Mostly cloudy / drizzle		<u>Temperature:</u> Min. 46F / 54F <u>Max.</u> <u>Wind:</u> 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Install cable trays in tank farm area and for Filter Press Set 2.
- Set Supports (pipe bents) for piping rack.
- Continue on punch list items for sludge and water tanks.
- ARCADIS reviewed CHES project schedule with project site personnel.
- Continue energizing South Filter Press Set 2 (Presses 3 and 4) control panel and debugging same.
- Completed installation of pump station. Begin connection piping.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.

OU-1

- Installed navigational solar light on northwest corner of enclosure.
- Enclosure operations:
 - Drove 7 king piles to final elevation (P-74 to P-81).
 - Drove 7 sheets to final elevation (S-73 to S-80).
 - Reset template.
 - Continue construction of enclosure walkway.
- Tieback operations-
 - Completed placement of grease in trumpets; capped tieback.
 - Continued decon and cleanup operations.
 - Removed spill guards from site.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Utilized for pumping rain waters.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Repaired unit; utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.

- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general site work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 444

Communications: None

Friday's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue debugging Filter Press Set 2.
- Continue punch list items for Sludge Holding Tanks (anchoring, bolt caps, baffles).

OU-1 No work anticipated.

Technical Issues: None



Template set for next set of king piles and sheets.



View of completed tiebacks looking east.



View of king piles with inclinometer pipes.



Walkway for enclosure access.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T111-11.25.11 <u>Date:</u> 11/25/11 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> SECI – 2 Vita - 2 Shelby - 16 AMQUIP - 2 CHES – 4 Hometown Security -1	<u>ARCADIS Personnel</u>	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Bram Van Dijk; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Sunny; PM- Sunny		<u>Temperature:</u> Min. 43F / 63 F Max. <u>Wind:</u> 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue installation of cable trays in tank farm area.
- Continue on punch list items for sludge and water tanks.
- Continue energizing South Filter Press Set 2 (Presses 3 and 4) control panel and debugging same.
- Continue with South Filter Press Sets 1 and 2 for piping work.
- Completed installation of pump stations and associated piping.
- Receive training on HDPE welding machine.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.

OU-1 No work

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not Utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not Utilized.
- All Terrain 50 T crane- Not Utilized.
- Weeks 451 Crane Barge- Not Utilized.
- Weeks float stations – Not Utilized.
- Weeks welding machines and generators – Not Utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 252

Communications: None

Saturday's Planned Activities

UPF

- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue debugging Filter Press Set 2.

OU-1 No work anticipated.

Technical Issues: None



View from gravity thickener of CHES treatment system.



Looking east of sediment processing area from gravity thickener.



Workers receiving training in HDPE welding machine.



Workers installing cable tray on pipe bents.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T111-11.26.11 Date: 11/26/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): SECI – 2 Vita - 2 CHES – 4 Hometown Security -1	ARCADIS Personnel William Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bram Van Dijk; None Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy ; PM- Partly cloudy		Temperature: Min. 43F / 65 F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue energizing South Filter Press Set 2 (Presses 3 and 4) control panel and debugging same.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.

OU-1 No work

Project equipment on site and hours of operation (0600 to 1730)

UPF

- Case 580 Back Hoe Extend-a Hoe- Not utilized.
- Honda 2" trash pump- Not Utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Not Utilized.
- All Terrain 50 T crane- Not Utilized.
- Weeks 451 Crane Barge- Not Utilized.
- Weeks float stations – Not Utilized.
- Weeks welding machines and generators – Not Utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 80

Communications: None

Monday's Planned Activities

UPF

- Complete piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue installation of MCC panels.
- Continue Filter Press Set 2 testing and debugging.
- Punch list Items for Sludge Holding Tanks.
- HDPE and galvanized pipe installation.

OU-1

- Continue with consolidation of tieback solids for transport.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



CHES working on outfall connection.



Completed header for water process tanks.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T113-11.28.11 <u>Date:</u> 11/28/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 14 SECI – 3 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 7 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
<u>Weather:</u> AM- Sunny ; PM- Sunny		<u>Temperature:</u> Min. 53F / 73F Max. <u>Wind:</u> 10-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Complete piping for pump buildings (Conex boxes).
- Install cable trays in tank farm area.
- Continue on punch list items for sludge and water tanks.
- Punch list items for Filter Press Set # 1 and 2.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Install prefabricated HDPE and galvanized piping for core blow lines.
- Visitors to the site included: Matt Bowman (ARCADIS).

OU-1

- Enclosure operations:
 - Drove 13 king piles to final elevation (P-82 to P-95).
 - Drove 7 sheets to final elevation (S-81 to S-87).
 - Reset template.
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Prepared for weir tank and sand filter cleaning.
 - Continued decon and cleanup operations.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.

- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general site work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 586

Communications: None

Tomorrow's Planned Activities

UPF

- Prepare to winterize presses.
- Continue installation of MCC panels.
- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Set surge tank for water treatment system.
- Continue installation of MCC panels.
- Punch list items for Filter Press Sets 1 and 2.
- Punch list items for Sludge Holding Tanks.
- HDPE and galvanized pipe installation.
- Install cable trays and pipe bents.

OU-1

- Commence cleaning of weir tank and sand filters.
- Continue with consolidation of tieback solids for transport.
- Continue installation of enclosure in Passaic River.

Technical Issues:

- Reviewed placement of concrete mattresses in river with Weeks and ARCADIS. Decision made to modify design for geotextile to run perpendicular to mattresses to minimize any silt up welling between mattresses.



Vibrating hammer on horse.



Enclosure and walkway looking east.



**Sludge core blow down line
installed for filter press #3.**



**Finalizing testing and debugging
for filter press set # 2.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T114-11.29.11 Date: 11/29/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 16 SECI – 3 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 12 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Jeff Kumar		
Weather: AM- Overcast/drizzle ; PM- Drizzle/ rain		Temperature: Min. 49F / 68F Max. Wind: 10-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Set surge tank for clarifier trailer.
- Continued installation of Motor Control Center panels in both conex boxes.
- Install cable trays in tank farm area.
- Continue on punch list items for sludge and water tanks.
- Punch list items for Filter Press Set # 1 and 2.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Install prefabricated HDPE and galvanized piping for core blow lines.
- Continue connecting headers to process equipment with 4" cam lock hose
- Off load and place surge tank for Actiflo clarifier trailer
- Visitors to the site included: Matt Bowman (ARCADIS), Marty Pinck (Hometown Security), and Roy Halbine (Bower Brush – electric, I&C for pump station).

OU-1

- Enclosure operations:
 - Suspended operations due to rain
 - Set 7 king piles (P-96 to P-102).
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Worked on cleaning weir tank and sand filter cleaning.
 - Continued decon and cleanup operations.
- Visitors to the site included: Matt Bowman (ARCADIS).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Utilized for pumping storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.

- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall and wale work.
- Vac truck – Utilized for tank cleaning.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Confined space entry permit authorized for CHES to perform weir tank cleaning.
- Estimated Man hours- 657

Communications:

- Held weekly progress meeting.

Tomorrow's Planned Activities

UPF

- Prepare to winterize presses.
- Continue installation of MCC panels.
- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Set surge tank for water treatment system.
- Continue installation of MCC panels.
- Punch list items for Filter Press Sets 1 and 2.
- Punch list items for Sludge Holding Tanks.
- HDPE and galvanized pipe installation.
- Install cable trays and pipe bents.
- NJDEP site meeting.

OU-1

- Continue cleaning of weir tank and sand filters.
- Continue with consolidation of tieback solids for transport.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Installation of cable tray and pipe bents.



Enclosure and walkway looking east.



Installation of mag meter on filter press sludge feed line.



Installing king piles along the north wall.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T115-11.30.11 <u>Date:</u> 11/30/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 14 SECI – 5 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 11 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Jeff Kumar		
<u>Weather:</u> AM- Overcast ; PM- Drizzle/ rain		<u>Temperature:</u> Min. 38F / 55F Max. <u>Wind:</u> 15-30MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Install cable trays in tank farm area.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Install prefabricated HDPE and galvanized piping for core blow lines.
- Visitors to the site included: Rhiannon Parmelee, Tina Boyle, Bob Romagnoli, Kavin Gandhi, Alain Hebert (ARCADIS); Paul Bluestein, Paul Brzozowski (Tierra); Elizabeth Butler, Ray Basso (USEPA); Jamie MacGregor, Mike Bulsyane, Peter Mayes, Joel Leon, Francis Steitz, Negils Harfouche, Tiruo Sugimara, Anne Hayton, Thomas Cenz (NJDEP); John McNally (CHES).

OU-1

- Enclosure operations:
 - Drove 7 king piles to final elevation (P-96 to P-102).
 - Drove 7 sheets to final elevation (S-96 to S-102).
 - Reset template.
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Worked on cleaning weir tank and sand filter cleaning.
 - Continued decon and cleanup operations.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.

- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall work.
- Weeks welding machines and generators – Utilized for general site work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Confined space entry permit authorized for CHES to perform weir tank cleaning.
- Estimated Man hours- 631.5

Communications:

- NJDEP / USEPA meeting held at UPF site.

Tomorrow's Planned Activities

UPF

- Finalize filter press testing and debugging.
- Continue to winterize presses.
- Pull wire around tank farm area and to MCC conex.
- Punch list Items for Sludge Holding Tanks.
- Install cable trays and pipe bents.
- Install HDPE and Victaulic galvanized piping.
- Continue installation of MCC panels.
- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Install floating dock for pipe.
- NJDEP site meeting.

OU-1

- Continue cleaning of weir tank and sand filters.
- Delivery of Weeks 46 barge for installation of wales.
- Commence sound monitoring.
- Continue with consolidation of tieback solids for transport.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Vibrating sheets.



Electrical, mechanical and piping installation from Filter Press Set 1 to Sludge Holding Tank 1.



Grouting of bridge shims and anchors.



Holding tanks set in the SW corner of sediment processing for water process contingency.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T116-12.01.11 Date: 12/01/11 Day of Week: <u>S M T W [T] F S</u>
Contractor (# personnel): Weeks- 18 OSI-2 SECI – 3 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 7 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 37F / 51F Max. Wind: 10-30 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Floating Pontoon dock set for slurry line/ discharge lines.
- Continued installation of Motor Control Center panels in both conex boxes.
- Install cable trays and pipe bents in tank farm area.
- Continue on punch list items for sludge and water tanks.
- Punch list items for Filter Press Set # 1 and 2.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Install prefabricated HDPE and galvanized piping for core blow lines and filtrate.
- Visitors to the site included: Rhiannon Parmelee (ARCADIS), Stu Hatzinger (HCI- Electrical work for pump station and panel).

OU-1

- Enclosure operations:
 - Weeks 46 crane mobilized to work on wale installation.
 - Relocated work platforms within the enclosure.
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Worked on cleaning weir tank and sand filter cleaning.
 - Continued decon and cleanup operations.
- Sound monitoring performed.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.

- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 46 Barge with All Terrain Crane – Mobilized for wale and walkway activities.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall work.
- 17 foot skiff- Not utilized.
- Sounding boat- Utilized for sound monitoring.

Health and Safety:

- No issues. Navigational strobe light added to pontoon at UPF.
- Estimated Man hours- 640

Communications: None

Tomorrow's Planned Activities

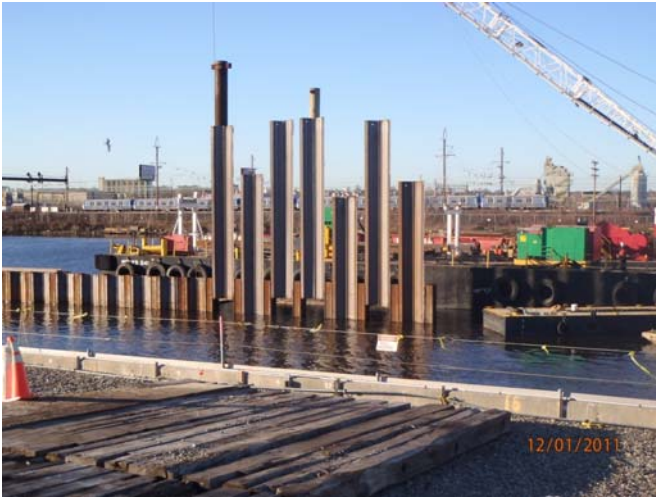
UPF

- Prepare to winterize presses.
- Continue installation of MCC panels.
- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Continue installation of MCC panels.
- Punch list items for Filter Press Sets 1 and 2.
- Punch list items for Sludge Holding Tanks.
- HDPE and galvanized pipe installation.
- Install cable trays and pipe bents.

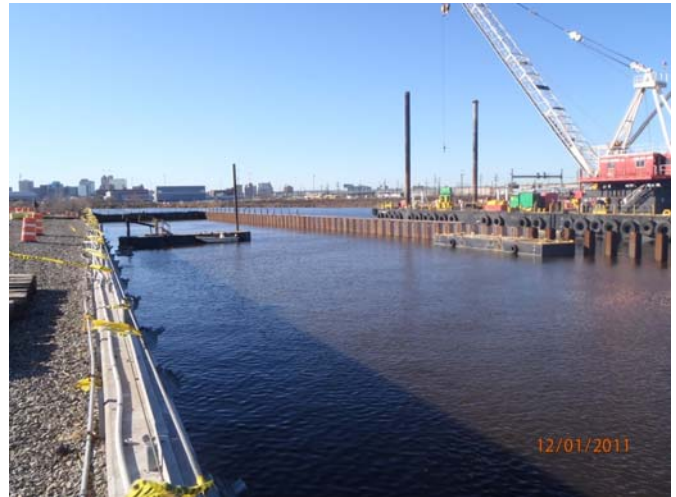
OU-1

- Pump remaining wash water from tieback operations to Water Treatment Plant.
- Complete consolidation of tieback solids for transport.
- Continue installation of enclosure in Passaic River.
- Perform sound monitoring in the Passaic River of enclosure operations.

Technical Issues: None



Sheets ready to be set into final position.



View of enclosure looking west.



Weeks 46 barge arriving on site to begin installation of wales and walkway.



Pontoon set in place with walkway.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T117-12.02.11 <u>Date:</u> 12/02/11 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> Weeks- 14 SECI – 3 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 8 RJS Electric-1 Hometown Security -1	<u>ARCADIS Personnel</u> Mike Pelenski Zack McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Jeff Kumar		
<u>Weather:</u> AM- Sunny ; PM- Sunny		<u>Temperature:</u> Min. 35F / 54F Max. <u>Wind:</u> 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Install cable trays in tank farm area.
- Continue on punch list items for sludge and water tanks.
- Punch list items for Filter Press Set # 1 and 2.
- Continue piping for equalization tanks, MMF's, carbon tanks, backwash tanks.
- Install prefabricated HDPE and galvanized piping for core blow lines.
- Begin installation of electrical building for water treatment.
- Visitors to the site included: Tim Gallagher, George Gunkelman (Morris); Jim Mack (Morris environmental consultant).

OU-1

- Enclosure operations:
 - Drove 7 king piles to final elevation (P-110 to P-116).
 - Drove 7 sheets to final elevation (S-109 to S-115).
 - Reset template.
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Worked on cleaning weir tank and sand filter cleaning.
 - Continued decon and cleanup operations.
- Sound monitoring performed.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.

- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – 8 hr; Utilized for construction of water treatment system.
- Boom Lift – 8 hr; Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized for transferring materials to CHES containers.
- All Terrain 50 T crane- Utilized for movement of materials and equipment.
- Weeks 46 Barge with All Terrain Crane – Utilized Mobilized for wale and walkway activities.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for OU-1 flood wall work.
- 17 foot skiff- Not utilized.
- Vac truck- Utilized for cleaning of weir tank.
- Sounding boat- Utilized for sound monitoring.

Health and Safety:

- No issues. Weeks held safety video presentation of IIF program at OU-1 site for all site workers.
- Estimated Man hours- 576

Communications: None

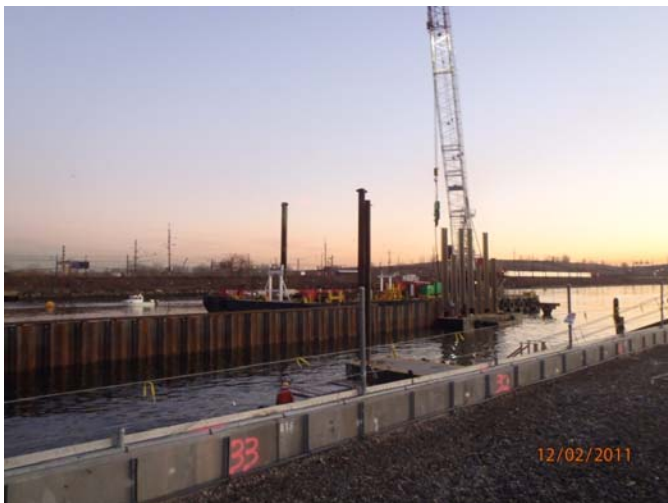
Tomorrow's Planned Activities

UPF

- General housekeeping activities.
- Continue installation of electric control conex.
- Continue piping for carbon vessel, water equalization tanks, backwash tanks and MMF headers.
- Punch list items for Filter Press Sets 1 and 2.

OU-1 No work planned

Technical Issues: None



Preparing to drive sheets during sound monitoring activities.



Cable tray and wiring run for sludge holding tank agitators.



Pontoon along UPF waterfront at low tide.



Cable tray and wiring installed to MCC conex.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T118-12.03.11 <u>Date:</u> 12/03/11 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> SECI – 2 Vita - 2 CHES – 7 RJS Electric-1 Hometown Security -1	<u>ARCADIS Personnel</u> Zack McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 35F / 54F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue building electrical racks and running conduit in water treatment area.
- Prepare water treatment area for grounding rod installation.
- Punch list items for Filter Press Set # 1 and 2.

OU-1 No work

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift – Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Not utilized.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- Weeks 46 Barge with All Terrain Crane – Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Weeks float stations – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 146

Communications: None

Tomorrow's Planned Activities

UPF

- Continue installation of electric control conex.
- Continue running electrical conduit throughout water treatment area.

OU-1 No work planned

Technical Issues: None



Erection of electrical racks for conduit.



Conduit awaiting installation in water treatment area.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T119-12.04.11 <u>Date:</u> 12/04/11 <u>Day of Week:</u> [S] M T W T F S
<u>Contractor (# personnel):</u> CHES – 6 RJS Electric-1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 34F / 55F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue on punch list items for piping.
- Continue building electrical racks and running conduit in water treatment area.
- Continue grounding rod installation.

OU-1 No work

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift – Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Not utilized.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- All Terrain 50 T crane- Not utilized.
- Weeks 46 Barge with All Terrain Crane – Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Weeks float stations – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 85

Communications: None

Tomorrow's Planned Activities

UPF

- Complete testing and debugging barge pump MCC conex
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue installation of electric control conex including instrumentation.
- Continue running electrical conduit throughout water treatment area.

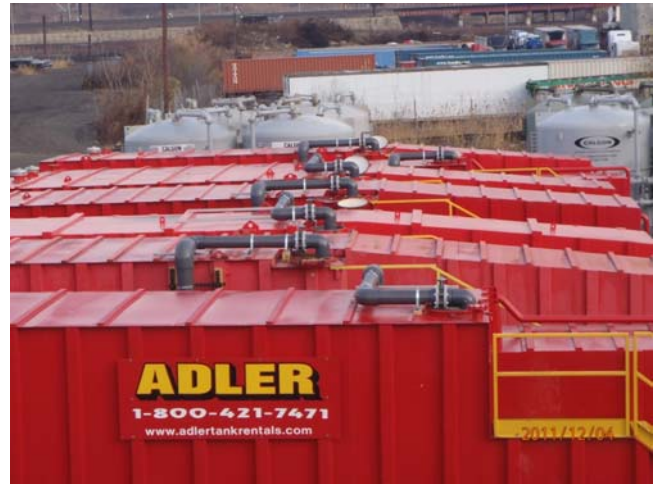
OU-1

- Continue cleaning of weir tank and process water tank.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Completed CADweld on ground wire and rod.



Completed stormwater inlet piping to the EQ tanks.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T120-12.05.11 <u>Date:</u> 12/05/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 16 SECI – 5 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 8 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley; Jeff Kumor		
<u>Weather:</u> AM- Partly cloudy / fog ; PM- Partly cloudy		<u>Temperature:</u> Min. 50F / 61F Max. <u>Wind:</u> 10-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

Contractor's Activities, Remarks:

- Continue installation of cable trays and pipe bents in tank farm area.
- Received agitators for sludge holding tanks.
- Review start-up plan for sediment processing system
- Power wash and clean filter presses for winterization.
- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue piping for storm water, MMF's, carbon tanks, backwash tanks.
- Continue installation of equipment ground system for site.
- Install prefabricated HDPE and galvanized piping for core blow lines.
- Visitors to the site included: Eric Stern (Battelle); Michael Weinstein (Montclair State University); Paul Bluestein, Brian Mikucki (Tierra); J. Burke (Newark Fire Department).

OU-1

- Enclosure operations:
 - Drove 7 king piles to final elevation (P-117 to P-123).
 - Drove 7 sheets to final elevation (S-116 to S-122).
 - Reset template.
 - Installed wales.
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Worked on cleaning weir tank and sand filters.
 - Continued decon and cleanup operations.
- Visitors to the site included: Eric Stern (Battelle); Michael Weinstein (Montclair State University); 15 attendees (Shangdong, Province, China Water Department delegation); Paul Bluestein, Paul Brzozowski , Brian Mikucki (Tierra).

Project equipment on site and hours of operation (0600 to 1900)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- Power washer- Utilized for cleaning filter presses.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Mobilized by Weeks to UPF to install outfall pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 626

Communications: None**Tomorrow's Planned Activities*****UPF***

- Complete testing and debugging OU-1 Barge Pump, MCC conex.
- Continue with sediment processing electrical, mechanical, and piping work.
- Begin installation of agitators for sludge tanks.
- Continue piping and valves for water treatment system.
- Continue constructing supports for process pipe and electrical conduits.
- Continue running electrical conduit.
- Commence installation of outfall pipe.

OU-1

- Complete cleaning of weir tank and process water tank.
- Sample tieback residuals for offsite disposal.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



Southwest corner of enclosure along S-W wall at low tide.



View of agitators for sludge holding tanks.



Setting wales in northwest corner of enclosure.



Splice plate for wales to be installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T121-12.06.11 <u>Date:</u> 12/06/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 18 SECI – 6 Vita - 1 Shelby - 32 AMQUIP - 2 CHES – 9 RJS Electric-1 Rain for Rent - 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Rain/drizzle ; PM- Rain/ drizzle		<u>Temperature:</u> Min. 54F / 65F Max. <u>Wind:</u> 10-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue installation of HDPE discharge line.
- Received concrete blankets to cover and insulate filter presses for the winter.
- Continue installation of cable trays in tank farm area.
- Install agitators for sludge holding tanks.
- Power wash and clean sediment processing pad area.
- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue piping for storm water, MMF's, carbon tanks, backwash tanks.
- Commence installation of instrumentation for water processing system.
- Continue installation of equipment ground system for site.
- Visitors to the site included: Claude Dion, Chris Fenton (Weeks); Tony Roseamelia (ARCADIS).

OU-1

- Enclosure operations:
 - Drove 7 king piles to final elevation (P-124 to P-130).
 - Drove 5 sheets to final elevation (S-123 to S-127).
 - Reset template.
 - Installed wales.
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Worked with CHES to determine weights of containers to minimize transport costs.
 - Sampled tieback residuals for offsite disposal.
 - Worked on cleaning weir tank and sand filters.
 - Continued decon and cleanup operations.

Project equipment on site and hours of operation (0600 to 1900)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- Power washer- Utilized for cleaning filter presses.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized by Weeks to UPF to install outfall pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 596

Communications: None

Tomorrow's Planned Activities

UPF

- Continue testing and debugging sediment processing system components.
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue installation of agitators for sludge tanks.
- Continue piping and valves for water treatment system.
- Continue constructing supports for process pipe and electrical conduits.
- Continue running electrical conduit.
- Complete installation of outfall pipe.

OU-1

- Complete cleaning of weir tank and process water tank.
- Commence installation of tieback load cell wiring.
- Delivery of barge with king piles and sheets.
- Complete consolidation of tieback residuals.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



View of braces underneath wales located every third king pile along north wall.



View of northwest corner of enclosure.



Agitator motor and gear box mounted on Sludge Holding Tank.



HDPE polymer line connected with flange to the inline mixing paddle wheel sludge fill line.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T122-12.07.11 <u>Date:</u> 12/07/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 21 Rain for Rent-1 SECI – 6 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 8 RJS Electric- 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Rain/drizzle ; PM- Rain/ drizzle		Temperature: Min. 43F / 61F Max. Wind: 10-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Pump down storm water collection system (pump station)
- Continue installation of cable trays and pipe bents in tank farm area.
- Continue to pull wires through cable trays throughout sediment processing area. .
- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue installation of conduit for water treatment system.
- Continue piping for storm water, MMF's, carbon tanks, backwash tanks.
- Continue installation of equipment ground system for site.
- Continue fusing 8 inch SDR 17 HDPE for outfall pipe.
- Continue installation of flow meters and instruments for water treatment system.
- Visitors to the site included: Anthony Roseamelia (ARCADIS).

OU-1

- Enclosure operations:
 - Received barge of sheets and king piles
 - Weeks 541 crane barge suspended activities upon completion of barge rearrangements due to inclement weather.
 - Weeks 46 barge suspended activities at noon due to inclement weather.
 - Installed wales.
 - Continued construction of enclosure walkway.
- Tieback operations-
 - Completed cleaning of weir tank and sand filters.
 - Continued decon and cleanup operations.

Project equipment on site and hours of operation (0600 to 1930)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.

- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- Power washer- Utilized for cleaning filter presses.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 714.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue testing and debugging sediment processing system components.
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue piping and valves for water treatment system.
- Continue constructing supports for process pipe and electrical conduits.
- Continue running electrical conduit.
- Complete installation of outfall pipe; begin assembly of process water pipe.

OU-1

- Commence installation of tieback load cell wiring.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



View of enclosure looking east.



Sump pump set in Process Water Tank for installation on base and plate.



Flow meter installed after P-200 pumps.



Wire run on cable tray around Gravity Thickener for sludge pumps.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T123-12.08.11 <u>Date:</u> 12/08/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 16 Rain for Rent-1 SECI – 5 Vita - 2 Shelby - 32 AMQUIP - 2 CHES – 8 RJS Electric - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zach McCoy	<u>Day of Week:</u> <u>S M T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Sunny ; PM- Sunny		<u>Temperature:</u> Min. 36F / 51F Max. <u>Wind:</u> 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed installation of water startup system for gravity thickener.
- Laid out locations for EPIC container placement under conveyors.
- Continue installation of cable trays in tank farm area and radial conveyors.
- Wire motors for agitators on sludge holding tanks.
- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue piping for storm water, MMF's, carbon tanks, backwash tanks.
- Continue installation of equipment ground system for site.
- Continue installation of conduit for water treatment plant.
- Continued to weld HDPE pipe for outfall and process pipe.
- Visitors to the site included: Elizabeth Butler (USEPA); Eric Castro, Neil Rogers (EPIC).

OU-1

- Enclosure operations:
 - Installed king piles (P-131 to P-137).
 - Installed sheets (S-131 to S-137).
 - Set template for north wall.
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Continued installation of Geokon load cell reporting system.
 - Continued decon and cleanup operations.
 - Installed wales.
 - Continued construction of enclosure walkway.

Project equipment on site and hours of operation (0600 to 1930)

UPF

- Honda 2" trash pump- Utilized to pump storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- Power washer- Utilized for cleaning filter presses.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.
- Fusion welding machine- Utilized for the welding of HDPE pipe.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 674

Communications:

- Meeting held on site with USEPA, B&C, ARCADIS and SECI on site to review polymer testing and sampling protocols.
- Meeting held on site with B&C, ARCADIS, EPIC and SECI to review container layout along with conveyor / processing parameters.

Tomorrow's Planned Activities

UPF

- Continue testing and debugging sediment processing system components.
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue piping and valves for water treatment system.
- Continue constructing supports for process pipe and electrical conduits.
- Continue running electrical conduit.
- Continue filling gravity thickener with potable water.
- Continue assembly of 12 inch double lined HDPE process pipe.

OU-1

- Continue installation of tieback load cell wiring.
- Continue installation of enclosure in Passaic River.

Technical Issues: None



View of enclosure looking west during low tide.



View of potable water being pumped into the gravity thickener for a leak test.



View looking west of EPIC containers being used to set conveyors.



View of grounding wire on water treatment system equipment.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T124-12.09.11 <u>Date:</u> 12/09/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Rain for Rent-1 SECI – 6 Vita - 1 Shelby - 33 AMQUIP - 2 CHES – 11 RJS Electric-1 Rain for Rent - 1 Abscope (HCI) - 2 Hometown Security -1 HCI-2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 42F / 53F Max. Wind: 5-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Filled gravity thickener for approximately 10 hours with water (216,000 gallons from city hydrant).
- Install pumps, control panel conduit and wires for pump station.
- Continue fusing of dual contained hydraulic pipeline.
- Continue installation of cable trays and pipe bents in tank farm area.
- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks including pulling wire.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue to winterize filter presses by placing blankets on units.
- Complete piping for storm water, MMF's, carbon tanks, backwash tanks.
- Complete installation of electrical conduit for WTS.
- Complete installation of equipment ground system for WTS. .
- Visitors to the site included: Jim Mack (Morris).

OU-1

- Enclosure operations:
 - Installed king piles (P-138 to P-144).
 - Installed sheets (S-138 to S-144).
 - Set last template for north wall.
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Continued installation of Geokon load cell reporting system.
 - Removal of weir tank and final process water tank.
 - Continued decon and cleanup operations.

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- Power washer- Utilized for cleaning filter presses.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.
- Fusion Machine- utilized for installation of process feed piping.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Utilized for enclosure inspection, barge inspection and review of site conditions.

Health and Safety:

- No issues.
- Estimated Man hours- 674

Communications: None

Tomorrow's Planned Activities

UPF

- Continue testing and debugging sediment processing system components.
- Continue piping and valves for water treatment system.
- Continue constructing supports for process pipe and electrical conduits.
- Complete running electrical conduit for water treatment system.
- Commence installation of wiring for water treatment system.

OU-1 No work planned

Technical Issues:

- ARCADIS reviewed and approved paper grit for enclosure walkway.



Last template being placed for north wall of enclosure.



View of walkway construction along north wall of enclosure.



Covering/Winterizing filter presses.



Cable tray installed for level transmitter cables to CHES.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T125-12.10.11 <u>Date:</u> 12/10/11 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> SECI – 6 Vita - 2 CHES – 8 RJS Electric - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Bill Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Sunny ; PM- Sunny		<u>Temperature:</u> Min. 32F / 45F Max. <u>Wind:</u> 5-20MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of conduits for water treatment system.
- Commenced work on punch list items for water treatment system.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue piping for storm water, MMF's, carbon tanks, backwash tanks.
- Complete installation of equipment ground system for water treatment plant.
- Completed pumping water into Gravity Thickener. Total gallons approximately 281,500.
- Completed disassembly and staged for pickup the fire hose system for filling gravity thickener.

OU-1 No work activities

Project equipment on site and hours of operation (0600 to 1900)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift – Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Not utilized.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Weeks 46 barge with crane – Not utilized.
- Weeks float stations – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.

- Estimated Man hours- 191.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping and valves for water treatment system.
- Complete pulling of wire for electrical system for water treatment system.
- Complete running electrical conduit for water treatment system.

OU-1 No work anticipated.

Technical Issues: None



View of gravity thickener full of potable water.



View of specially designed pipe to hold turbidity meter.



View of installed conduit at the water treatment plant.



Completed conduit located on control bldg.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T126-12.11.11 Date: 12/11/11 Day of Week: <u>[S] M T W T F S</u>
Contractor (# personnel): CHES - 4 RJS Electric - 1 Hometown Security -1	ARCADIS Personnel Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 28F / 41F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue installation of wiring for conduit on water treatment plant.
- Complete installation of conduit for electric at water treatment.
- Begin terminations and proof testing for electric at water treatment plant.
- Worked on storm water pump discharge system lines.

OU-1 No work activities

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Pumped water from catch basin system.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized.
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift – Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Not utilized.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Weeks 46 barge with crane – Not utilized.
- Weeks float stations – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 84

Communications: None

Tomorrow's Planned Activities

UPF

- Commence start up testing for water treatment system.
- Review programming details for water treatment system.
- Continue piping and valves for sediment processing.
- Begin leak testing for sludge and water process tanks in sediment processing.
- Continue pulling cable and making terminations for sediment processing plant.

OU-1

- Complete north wall of enclosure.
- Continue installation of wales and walkway for enclosure.

Weeks Greenville Yard

- Delivery of barge MCC to yard and begin piping work.

Technical Issues: None



Epoxy with asphalt used to seal grounding system on treatment pad.



View of installed three way valve for water treatment system.



View of wiring and conduit for water treatment control bldg.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T127-12.12.11 Date: 12/12/11 Day of Week: <u>S [M] T W T F S</u>
Contractor (# personnel): Weeks- 19 Rain for Rent-1 DPK-1 SECI – 6 Vita - 1 Shelby - 31 AMQUIP - 2 CHES – 8 DPK - 2 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley ; Jeff Kumar (USACE)		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 27F / 45F Max. Wind: 5-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Complete and inspect installation of SCH 80 PVC piping and valves for water treatment system:
- Complete installation and inspection of level transmitters, switches, and control devices
- Performed settlement monitoring for concrete slabs.
- Filled process water tank, sludge holding tank 1 and sludge holding tank 2 and checked for leaks, identified same and reviewed schedule for repairs with SECI.
- Transferred approximately 95,000 gallons of water from gravity thickener to the CHES equalization vessels to commence their start up and testing program.
- Continue fusing of dual contained hydraulic pipeline.
- Continue installation of cable trays and pipe bents in tank farm area.
- Continued installation of Motor Control Center panels for sediment process area.
- Continue on punch list items for sludge and water tanks including pulling wire.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue to winterize filter presses by placing blankets on units.
- Complete connections and terminations in control panels for all WTS devices.
- Delivery of concrete blocks for light pole supports on site.
- Visitors to the site included: Rob Reed (ARCADIS); Paul Bluestein, Dave Rabbe (Tierra); John McNally, Bryan Towllus (CHES).

OU-1

- Enclosure operations:
 - Installed king piles (P-144 to P-149A).
 - Installed sheets (S-144 to S-149A).
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Continued installation of Geokon load cell reporting system.
- DPK performed floodwall structural monitoring.

- SECI mobilized to Greenville yard for work on Weeks 62 barge.
- Visitors to the site included: Rob Reed (ARCADIS); Paul Bluestein, Dave Rabbe (Tierra).

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Not utilized.
- 6 "diesel trash pump- Utilized for startup testing.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- Power washer- Utilized for cleaning filter presses.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.
- Fusion Machine- utilized for installation of process feed piping.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Utilized for enclosure inspection, barge inspection and review of site conditions.

Health and Safety:

- No issues. Reviewed with Weeks site personnel hypothermia response kit contents and its use.
- Estimated Man hours- 699

Communications: None

Tomorrow's Planned Activities

UPF

- Continue testing and debugging UPF MCC Conex
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue winterizing Filter Presses.
- Continue hydro testing tanks.
- Continue testing and debugging sediment processing system components.
- Finalize piping for water treatment system.
- Continue start up testing.
- Continue fusing double contained hydraulic pipeline.

OU-1

- Continue installation of walkway.
- Continue work on Weeks 62 barge in Greenville yard.
- Complete driving of kings and sheets for north wall.

Technical Issues: None



Verifying plumbness of king piles.



View of piles in template along north wall.



Process water hydro test.



Installed turbidity meter.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T128-12.13.11 Date: 12/13/11 Day of Week: <u>S M [T] W T F S</u>
Contractor (# personnel): Weeks- 19 Rain for Rent-1 SECI – 6 Vita - 1 Shelby - 33 AMQUIP - 2 CHES – 8 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley ; Jeff Kumar (USACE)		
Weather: AM- Partly cloudy ; PM- Partly cloudy		Temperature: Min. 28F / 49F Max. Wind: 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Begin transfer of water using trash pump from EQ tanks to T-800, T-900, clarified water and solids tanks for initial settings and testing of level transmitters.
- Transfer approximately 95,000 gallons of water from sludge tank 1 to sludge tank 3 to hydro and test for leaks.
- Continue fusing of dual contained hydraulic pipeline.
- Continue installation of cable trays and pipe bents in tank farm area.
- Continued installation of Motor Control Center panels for sediment process area.
- Continue on punch list items for sludge and water tanks including pulling wire.
- Transfer excess waters into gravity thickener.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue to winterize filter presses by placing blankets on units.
- Visitors to the site included: Matt Bowman, Joe Molina, Rob Reed, Jen Bryr-Gornia, Anthony Roseamelia, Matt Shattuck (ARCADIS); Brian Mikucki, Dave Rabbe, Paul Bluestein, Carlie Thompson (Tierra); Carol Dinkins (V&E); Jim Mack (Morris Rep).

OU-1

- Enclosure operations:
 - Installed king piles (P-150).
 - Installed sheets (S-150).
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Continued installation of Geokon load cell reporting system.
- SECI continues to perform work in Greenville yard on Weeks 62 barge.
- Visitors to the site included: Rob Reed, Jen Bryr-Gornia, (ARCADIS); Brian Mikucki, Dave Rabbe, Paul Bluestein, Carlie Thompson (Tierra); Carol Dinkins (V&E).

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Not utilized.

- 6 "diesel trash pump- Utilized for startup testing.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.
- Fusion Machine- Utilized for installation of process feed piping.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Utilized for enclosure inspection, barge inspection and review of site conditions.

Health and Safety:

- No issues.
- Estimated Man hours- 724.5

Communications:

- Weekly Progress Meeting.

Tomorrow's Planned Activities

UPF

- Continue testing and debugging UPF MCC Conex.
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue winterizing Filter Presses.
- Continue hydro testing tanks.
- Continue testing and debugging sediment processing system components.
- Continue start up testing for WTS.
- Continue fusing double contained hydraulic pipeline.

OU-1

- Continue installation of walkway.
- Continue work on Weeks 62 barge in Greenville yard.
- Continue working on wales.

Technical Issues: None



Siemens control panel overview screen in UPF MCC conex.



Galvanized Victaulic cyclone recovery line installed on separation unit.



View from Weeks 62 of the discharge conveyor.



View of Weeks 62 discharge conveyor.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T129-12.14.11 Date: 12/14/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 19 Rain for Rent-1 SECI – 6 Vita - 1 Shelby - 33 AMQUIP - 2 CHES – 8 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler (USACE)		
Weather: AM- Partly cloudy ; PM- Partly cloudy		Temperature: Min. 35F / 51F Max. Wind: 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue hydro test repairs on sludge tanks 1 and 2.
- Continue CQA start up testing to include transmitters, switches, valves, flow meters and pumps.
- Transfer remaining waters from sludge tanks to gravity thickener.
- Commenced setting concrete blocks and poles for line power.
- Continue fusing of dual contained hydraulic pipeline.
- Continue installation of cable trays and pipe bents in tank farm area and near conveyors.
- Continued installation of Motor Control Center panels for sediment process area.
- Continue on punch list items for sludge and water tanks including pulling wire.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Continue to winterize filter presses by placing blankets on units.
- Visitors to the site included: Matt Bowman, Joe Molina, Anthony Roseamelia, Matt Shattuck (ARCADIS); Elizabeth Butler (EPA).

OU-1

- Enclosure operations:
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Continued installation of Geokon load cell reporting system.
 - Continued cleanup of wales along floodwall.
- SECI continues to perform work in Greenville yard on Weeks 62 barge.
- Visitors to the site included: John Patella, Jeff Moser (Weeks); Elizabeth Butler (USEPA).

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Not utilized.
- 6 "diesel trash pump- Utilized for startup testing.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.

- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.
- Fusion Machine- Utilized for installation of process feed piping.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Utilized for enclosure construction; taken out of service.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Utilized for enclosure inspection, barge inspection and review of site conditions.

Health and Safety:

- At 1040 the lower boom section bent of the Weeks Grove RT crane (Weeks 46 barge). Incident report filed and ongoing root cause investigation commenced.
- Estimated Man hours- 724.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue testing and debugging UPF MCC Conex.
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue winterizing Filter Presses.
- Continue hydro testing tanks.
- Continue testing and debugging sediment processing system components.
- Continue start up testing for WTS.
- Continue fusing double contained hydraulic pipeline.

OU-1

- Continue installation of walkway.
- Removal of Weeks 46 barge to Greenville yard for further investigation.
- Continue work on Weeks 62 barge in Greenville yard.
- Continue working on wales.

Technical Issues:

- Review of schedule and impacts based upon failure of Grove crane. Decision made to remove barge early am for further investigation and proceed with work.



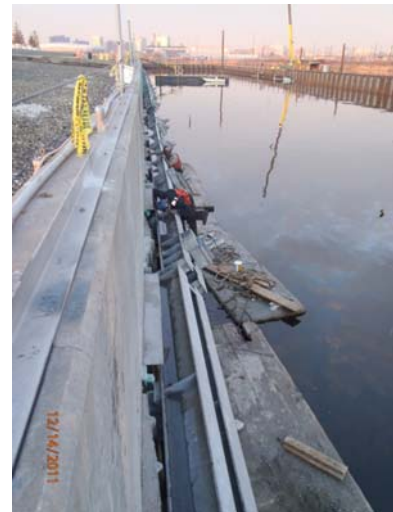
Sealing double lined pipe in fusion machine.



View of WTS from gravity thickener.



View bent crane boom on Weeks barge.



View of Weeks personnel cleaning up tiebacks.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T130-12.15.11 Date: 12/15/11 Day of Week: <u>S M T W T F S</u>
Contractor (# personnel): Weeks- 19 Rain for Rent-1 SECI – 6 Vita - 1 Shelby - 32 AMQUIP - 2 CHES – 8 Hometown Security -1	ARCADIS Personnel Michael Pelenski Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy ; PM- Partly cloudy		Temperature: Min. 44F / 60F Max. Wind: 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue hydro test repairs on sludge tanks 1,2,3 and gravity thickener.
- Continue CQA start up testing to include transmitters, switches, valves, flow meters and pumps.
- Circulate water with 6 inch pump through WTS to verify start up conditions.
- Continue setting concrete blocks and poles for line power.
- Continue fusing of dual contained hydraulic pipeline.
- Continue installation of cable trays and pipe bents in tank farm area and near conveyors.
- Continued installation of Motor Control Center panels for sediment process area.
- Continue on punch list items for sludge and water tanks including pulling wire.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Visitors to the site included: Anthony Roseamelia, Matt Shattuck (ARCADIS).

OU-1

- Enclosure operations:
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- SECI continues to perform work in Greenville yard on Weeks 62 barge.
- Visitors to the site included: Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Not utilized.
- 6 "diesel trash pump- Utilized for startup testing.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.
- Fusion Machine- Utilized for installation of process feed piping.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 46 barge with crane – Removed from site.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Utilized for enclosure inspection, barge inspection and review of site conditions.

Health and Safety:

- No issues.
- Estimated Man hours- 716.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue testing and debugging UPF MCC Conex.
- Continue with sediment processing electrical, mechanical, and piping work.
- Continue winterizing Filter Presses.
- Continue hydro testing tanks.
- Continue testing and debugging sediment processing system components.
- Continue start up testing for WTS.
- Continue fusing double contained hydraulic pipeline.

OU-1

- Continue installation of walkway.
- Continue work on Weeks 62 barge in Greenville yard.
- Continue working on wales.

Technical Issues: None



Weeks tightening wale bolts along north wall of enclosure.



Weeks removing Weeks 46 barge with bent boom from site.



Installation of 3" HDPE jet (wash) water line for Filter Press.



Light poles erected at UPF.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T131-12.16.11 <u>Date:</u> 12/16/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 19 Rain for Rent-1 SECI – 6 Vita - 1 Shelby - 33 AMQUIP - 2 CHES – 8 Hometown Security -1	<u>ARCADIS Personnel</u> Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Partly cloudy ; PM- Partly cloudy		<u>Temperature:</u> Min. 39F / 57F Max. <u>Wind:</u> 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue hydro test repairs on sludge tanks 1, 2, 3.and gravity thickener.
- Continue CQA start up testing to include transmitters, switches, valves, flow meters and pumps.
- Retest FV-100 and valve failed to allow proper discharge to river. Valve was installed incorrectly and will be reinstalled properly upon restart by CHES.
- Continued setting concrete blocks and poles for line power.
- Continue fusing of dual contained hydraulic pipeline.
- Continue installation of cable trays and pipe bents in tank farm area and near conveyors.
- Continued installation of wiring within motor control center panels for sediment process area.
- Continue on punch list items for sludge and water tanks including pulling wire.
- Continue on punch list items for Filter Press Set # 1 and 2 including winterization.

OU-1

- Enclosure operations:
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - ARCADIS field personnel performed a QC review of tieback installation in conjunction with design engineer.
 - Commenced work on Geokon software for load cell operations.
- SECI continues to perform work in Greenville yard on Weeks 62 barge.

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Not utilized.
- 6 "diesel trash pump- Utilized for startup testing.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.

- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.
- Fusion Machine- Utilized for installation of process feed piping.

OU-1

- Excavator- Utilized by Weeks at UPF to install HDPE pipe.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction and tieback inspections.
- 17 foot skiff- Utilized for enclosure inspection, barge inspection and review of site conditions.

Health and Safety:

- No issues.
- Estimated Man hours- 698.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue testing and debugging UPF MCC Conex.
- Begin draining and winterizing WTS.
- Continue hydro testing tanks.

OU-1 No work planned

Technical Issues: None



ARCADIS field personnel performing QC review of tiebacks with ARCADIS engineer.



Weeks installing wales along the north wall.



New bolts and caulk installed to address leaks in Sludge Holding Tank 2 (pic taken 12/14).



Light pole supports erected and wire pulled along across NE construction support area of UPF.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T132-12.17.11 Date: 12/17/11 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): SECI – 2 CHES – 5 Hometown Security -1	ARCADIS Personnel Michael Pelenski Zach McCoy	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Bart Hiemstra; Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy ; PM- Partly cloudy		Temperature: Min. 31F / 46F Max. Wind: 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Commenced draining, winterizing, and break down of water treatment system.
- Completed second hydrdo test on gravity thickener. Noted areas of repair for addressing on 12/19.
- Continue on punch list items for Filter Press Set # 1 and 2.

OU-1 No work

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Not utilized.
- 6 "diesel trash pump- Utilized for startup testing.
- 8 Ton deck crane – Not utilized.
- 2T forklift – Not utilized. Utilized
- 8T Telehandler – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 45 foot Boom Lift – Not utilized.
- Scissors lift #268 – Not utilized.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Fusion Machine- Not utilized.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Not utilized.
- Weeks float stations – Not utilized.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 108

Communications: None

Monday's Planned Activities

UPF

- Continue with sediment processing electrical, mechanical, and piping work

- Continue winterizing Filter Presses
- Continue with hydro testing tanks and leak repairs
- Continue winterizing water treatment system
- Tarp buildings

OU-1

- Continue installation of walkway.
- Continue work on Weeks 62 barge in Greenville yard.
- Continue working on wales.

Technical Issues: None



6" trash pump set-up to transfer water back into Gravity Thickener from water treatment system.



Weeks CHES draining and winterizing EQ tanks.



Gravity Thickener filled for second hydro test.



Jute like oakum grout repair seal on Gravity Thickener.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T133-12.19.11 <u>Date:</u> 12/19/11 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 16 SECI – 2 Shelby - 32 AMQUIP - 2 CHES – 2 Hometown Security -1	<u>ARCADIS Personnel</u> Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler (USEPA)		
<u>Weather:</u> AM- Partly cloudy ; PM- Partly cloudy		<u>Temperature:</u> Min. 24F / 49F Max. <u>Wind:</u> 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Install HDPE piping and painted steel piping and supports for sludge feed lines to Sludge Holding Tank 3 from Gravity Thickener.
- Complete winterization of WTS system.
- Performed general site cleanup for WTS area.
- Conduct second hydrotest on sludge tanks 1 and 2 and gravity thickener. Leaks addressed.
- Continued hanging and tensioning wire for line power.
- Continue installation of cable trays and pipe bents in tank farm area and near conveyors.
- Continued installation of wiring within motor control center panels for sediment process area.
- Continue on punch list items for sludge tanks including pulling wire and hanging pipe.
- Continue on punch list items for Filter Press Set # 1 and 2 including winterization.
- Visitors to the Site Included: Elizabeth Butler (EPA); Elizabeth Buckrucker (USACE).

OU-1

- Enclosure operations:
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Geokon software started.
- Visitors to the Site Included: Elizabeth Butler (EPA); Elizabeth Buckrucker (USACE).

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Utilized for pumping down storm water system.
- 6 "diesel trash pump- Utilized for startup testing.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.

- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for construction of water treatment system.
- Boom Lift – Utilized for construction of water treatment system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction and tieback inspections.
- 17 foot skiff- Utilized for enclosure inspection, barge inspection and review of site conditions.

Health and Safety:

- No issues.
- Estimated Man hours- 532.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue with sediment processing electrical, mechanical, and piping work
- Continue winterizing Filter Presses.
- Continue testing and debugging UPF MCC Conex.
- Complete winterizing WTS.
- Continue hydro testing tanks.

OU-1

- Continue installing wales and walkways on enclosure.
- Geokon system operational.

•

Technical Issues: None



Installation of piping and supports for Sludge Tank 3 feed lines from Gravity Thickener.



View of WTS site winterized.



All hose removed and racked securely on site.



Installing bolts on wales and walkway along north wall of enclosure.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T134-12.20.11 <u>Date:</u> 12/20/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 16 SECI – 2 Shelby - 31 AMQUIP - 2 CHES – 1 Hometown Security -1	<u>ARCADIS Personnel</u> Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler (USEPA)		
<u>Weather:</u> AM- Partly cloudy ; PM- Partly cloudy		<u>Temperature:</u> Min. 40F / 48F <u>Max.</u> <u>Wind:</u> 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Install HDPE piping and painted steel piping and supports for sludge feed lines to Sludge Holding Tank 3 from Gravity Thickener.
- Complete winterization of WTS system; secure area.
- Conduct second hydrotest on sludge tank 3. Leaks addressed.
- Commenced discharging water through outfall to river from gravity thickener.
- Continued hanging and tensioning wire for line power and lights.
- Continue installation of cable trays and pipe bents throughout process area.
- Continued installation of wiring within motor control center panels for sediment process area.
- Continue on punch list items for conveyors.
- Continue on punch list items for Filter Press Set # 1 and 2 including winterization.
- Visitors to the Site Included: Elizabeth Butler (EPA); Elizabeth Buckrucker (USACE).

OU-1

- Enclosure operations:
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Geokon software started.
 - All remaining tieback support equipment is removed from site.
- Visitors to the Site Included: Elizabeth Butler (EPA); Elizabeth Buckrucker (USACE).

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Utilized for pumping down storm water system.
- 6 "diesel trash pump- Utilized for hydro testing.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.

- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for winterizing water treatment system.
- Boom Lift – Not utilized. Off rent.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction and tieback inspections.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Weeks performed a safety review of walkway and skid protection for walkway.
- Estimated Man hours- 434.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue with sediment processing electrical, mechanical, and piping work.
- Continue winterizing filter presses.
- Finish discharging testing water in Gravity Thickener to river.

OU-1

- Continue installing wales and walkways on enclosure.

Technical Issues: None



Discharge start up water through outfall line.



Installation of Sludge feed lines from Gravity Thickener.



Splice plate for wale – missing bolt on king pile to be added-found in QC review.



Filling sludge tank 3 for 2nd hydro test.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T135-12.21.11 <u>Date:</u> 12/21/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 16 Nicholson- 1 SECI – 2 Shelby - 27 AMQUIP - 2 CHES – 1 Hometown Security -1	<u>ARCADIS Personnel</u> Bill Jennings Zach McCoy	
ARCADIS Construction Supervisor: Michael Pelenski Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Partly cloudy ; PM- Rain		<u>Temperature:</u> Min. 48F / 56F Max. <u>Wind:</u> 5-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed discharging approximately 260,000 gallons of test water (620 gals/min) to Passaic River.
- Install HDPE piping and painted steel piping and supports for sludge feed lines to Sludge Holding Tank 3 from Gravity Thickener.
- CHES performed final walk through of site. Back in February.
- Continued hanging and tensioning wire for line power and lights.
- Continue installation of cable trays and pipe bents throughout process area.
- Continued installation of wiring within motor control center panels for sediment process area.
- Continue on punch list items for Filter Press Set # 1 and 2 including winterization.

OU-1

- Enclosure operations:
 - Installed wales.
 - Continued construction of enclosure walkway including installation of antiskid materials.
- Tieback operations-
 - Geokon software started.
 - Review meeting with Nicholson (see technical issues).

Project equipment on site and hours of operation (0600 to 2000)

UPF

- Honda 2" trash pump- Not utilized.
- 6 "diesel trash pump- Utilized for pumping test waters to discharge.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 8T Telehandler – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.
- 4.5 Ton Telehandler – Utilized for winterizing water treatment system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction and tieback inspections.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 415.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue with sediment processing electrical, mechanical, and piping work.
- Continue winterizing filter presses.

OU-1

- Continue installing wales and walkways on enclosure.

Technical Issues:

- ARCADIS (Jennings, Pelenski) meet on site with Nicholson (Malaganone) and Weeks (Dion) to discuss deficiencies and corrections necessary to tiebacks. Request made that all repairs should be complete by year's end. Nicholson agreed.



View of north enclosure wall looking east.



Brackets welded to wale and wall to support storm pipe.



**Installation of stainless steel piping for
membrane water to Filter Presses.**



**Tarping and insulating Filter Presses
with concrete blankets.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T137-12.22.11 <u>Date:</u> 12/22/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 SECI – 1 Shelby - 24 AMQUIP - 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski Zach McCoy Bill Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
<u>Weather:</u> AM- Partly Cloudy ; PM- Partly Cloudy		<u>Temperature:</u> Min. 52F / 56F Max. <u>Wind:</u> 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Visitors to the site included: None.

OU-1

- Enclosure operations:
 - Continue construction of enclosure walkway including installation of antiskid materials.
 - Continue installing bolts on the wales inside the enclosure.
 - Installed 3 navigational monopiles outside the enclosure.
- Tieback operations-
 - Nicholson on site making improvements to tieback caps; greasing trumpets.
 - Completed splicing and sealing the load cell / multilogger connections for the Geokon monitoring system.
- Performed general site cleanup activities.
- Visitors to the site included: Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 374.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue terminations for sediment processing system components.
- Continue piping and valves for sediment processing.
- Continue constructing supports for process pipe.

OU-1

- Continue bolting wales inside enclosure.
- Continue installation of navigational monopiles along north wall.
- Continue constructing walkway as necessary.
- Continue installing storm water line.

Technical Issues:

- After discussions with ARCADIS and Weeks field staff, ARCADIS engineers agreed to utilize open cell mattresses outside the enclosure.



View of northeast area of enclosure.



View of southwest corner of enclosure and commencement of installation of storm water line.



Installation of conveyor chutes for filter presses.



**LED lights to be installed on poles
for UPF perimeter lighting.**

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T138-12.23.11 Date: 12/23/11
Contractor (# personnel): Weeks- 16 SECI – 1 Shelby - 24 AMQUIP - 2 Hometown Security -1	ARCADIS Personnel Michael Pelenski	Day of Week: <u>S M T W T [F] S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: None USEPA/USACE Representatives: Mark Kucera; Capt. Stevens		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 41F / 51F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue mounting LED lights for perimeter lighting.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Visitors to the site included: Mark Kucera, Capt. Stevens USACE).

OU-1

- Enclosure operations:
 - Continue construction of enclosure walkway including installation of antiskid materials.
 - Continue installing bolts on the wales inside the enclosure.
 - Installed 3 navigational monopiles outside the enclosure.
- Performed general site cleanup activities.
- Visitors to the site included: Mark Kucera, Capt. Stevens USACE).

Project equipment on site and hours of operation (0600 to 1500)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 ft Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 348

Communications: None

Tuesday's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping and valves for sediment processing.

OU-1

- Placement of two barges inside enclosure.
- Continue installation of navigational monopiles along north wall.
- Continue constructing walkway as necessary.
- Repair tieback gaskets.

Technical Issues: None



View of northwest area of site; surveyor performing monopile location work.



Navigational monopile located outside northwest corner of enclosure.



New storm water line in northwest corner of floodwall.



Outfall line disconnected from water treatment discharge and capped with a blind flange.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T139-12.27.11 <u>Date:</u> 12/27/11 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 Nicholson-2 DPK-2 SECI – 1 Shelby - 17 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Mark Kucera; Capt. Stevens		
<u>Weather:</u> AM- Mostly Cloudy ; PM- Mostly Cloudy/Rain		<u>Temperature:</u> Min. 38F / 47F Max. <u>Wind:</u> 0-40 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Visitors to the site included: Mark Kucera, Capt. Stevens (USACE).

OU-1

- Enclosure operations:
 - Continue construction of enclosure walkway including installation of antiskid materials.
 - Installed 4 navigational monopiles along the western end of north wall.
- Tieback operations-
 - Nicholson on site making improvements to tieback caps; greasing trumpets.
 - Continue review of Geokon load cell reporting system.
- Delivery of Barges 65 and 71 for dredging operations into enclosure.
- Welding of outfall pipe for storm water along west side of floodwall.
- DPK performed structure monitoring along the floodwall.
- Visitors to the site included: Jeff Moser (Weeks); Mark Kucera, Capt. Stevens USACE).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.

- Weeks 65 barge – Delivered to site.
- Weeks 71 barge- Delivered to site.
- Weeks float stations – Utilized for enclosure construction; Nicholson work efforts.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Weeks (J. Moser) reviewed walkway along north wall of enclosure for acceptance. Recommendation was made to make surface a plywood sheet with antiskid paper around pipe piles.
- Estimated Man hours- 336.5

Communications: None

Tomorrow's Planned Activities

UPF

- Continue terminations for sediment processing system components.
- Continue piping and valves for sediment processing.
- Continue constructing supports for process pipe.

OU-1

- Placement of two additional barges inside enclosure.
- Continue installation of navigational monopiles along north wall.
- Continue constructing walkway as necessary.
- Repair tieback gaskets.

Technical Issues: None



View of front of Week # 65 barge inside enclosure.



DPK performing structural monitoring along floodwall.



Placing barges inside enclosure.



Welding on the storm water discharge pipe.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T140-12.28.11 <u>Date:</u> 12/28/11 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 Nicholson-2 SECI – 1 Shelby – 22 CHES-1 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler		
<u>Weather:</u> AM- Sunny ; PM- Sunny		<u>Temperature:</u> Min. 31F / 48F Max. <u>Wind:</u> 0-30 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Delivery of security building and installation of electricity for onsite security.
- Removal of storm water from site pad operations.
- Transferred approximately 8,000 gallons of water from rain for rent tank to OU-1 facility for treatment.
- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Visitors to the site included: Elizabeth Butler (USEPA); James Maxime (PSE&G).

OU-1

- Enclosure operations:
 - Continue construction of enclosure walkway including installation of antiskid materials.
 - Installed 6 navigational monopiles along the western end of north wall.
- Tieback operations-
 - Nicholson on site making improvements to tieback caps.
 - Continue review of Geokon load cell reporting system.
- Delivery of Barges 216 and 72 for dredging operations into enclosure.
- Visitors to the site included: Elizabeth Butler (USEPA).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction; monopile installation. .

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction; Nicholson work efforts.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 360.5.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue terminations for sediment processing system components.
- Continue piping and valves for sediment processing.

OU-1

- Placement of last barge inside enclosure.
- Removal of empty tieback containers from site.
- Commence installation of east wall of enclosure.
- Continue constructing walkway as necessary.
- Repair tieback gaskets.

Technical Issues:

- Rain for rent tank needs to be cleaned due to thin film of solids on bottom. Tank to be cleaned with wash waters to be sent to OU-1 on Tuesday, 1/3/12.
- PSE&G notified ARCADIS that a pole needs to be installed for service at 117 Blanchard. Only two phase power is available at 400 amps. Power will need to be brought down the street to service the site.



Vacuuming waters from rain for rent tank at UPF for eventual treatment at OU-1.



Installing gravity thickener slurry feed line over to slurry pump from desanded slurry box of separation unit.



Placing barges inside enclosure.



**View looking east of installed monopiles
along north wall.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T141-12.29.11 <u>Date:</u> 12/29/11 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 CHES-1 SECI – 1 Shelby – 22 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Capt. Stevens, Mark Kucera (USACE)		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 23F / 38F Max. Wind: 5-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued installation of Motor Control Center panels in both conex boxes.
- Continue on punch list items for sludge and water tanks.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Visitors to the site included: Capt. Stevens, Mark Kucera (USACE).

OU-1

- Enclosure operations:
 - Continue construction of enclosure walkway including installation of antiskid materials.
 - Installed 4 navigational monopiles along the north wall.
- Tieback operations-
 - Continue review of Geokon load cell reporting system.
 - Removal of two empty containers used for tieback operations.
- Delivery of Barge 62 for dredging operations into enclosure.
- Delivery of Barge 236 with king/sheet piles.
- Visitors to the site included: Capt. Stevens, Mark Kucera (USACE).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction; monopile installation. .
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.

- Weeks 216 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 360.5.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue terminations for sediment processing system components.
- Continue piping and valves for sediment processing.
- Place sand bags along base of big top structures.

OU-1

- Commence installation of east wall of enclosure.
- Continue constructing walkway as necessary.

Technical Issues: None



View of sediment piping from separation unit to contingency tank.



Installing piping from primary sediment separation unit.



View of SECI 62 barge coming up river.



View of Weeks 541 driving navigational monopiles.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T142-12.30.11 <u>Date:</u> 12/30/11 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> Weeks- 12 SECI – 1 Shelby – 22 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u>	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Capt. Stevens, Mark Kucera (USACE)		
<u>Weather:</u> AM- Partly cloudy ; PM- Partly sunny		<u>Temperature:</u> Min. 31F / 51F Max. <u>Wind:</u> 0-5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued termination of wires in sediment processing motor control center.
- Continue on erection of prefabricated pipe, specifically around gravity thickener.
- Continued work on line power terminations.
- Completed erection of all aprons for conveyors and chutes into conveyors.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Visitors to the site included: Capt. Stevens, Mark Kucera (USACE).

OU-1

- Enclosure operations:
 - Completed construction of enclosure walkway to P-148.
 - Installed template to begin installation of east wall.
- Tieback operations-
 - Continue review of Geokon load cell reporting system.
- Delivery of Barge 62 inside enclosure.
- Reworked anchors for Weeks 541 barge.
- Visitors to the site included: Capt. Stevens, Mark Kucera (USACE).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction; monopile installation. .
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.

- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Reviewed icy conditions situation on exit ramp for NJTP.
- Estimated Man hours- 350.5.

Communications: None

Tuesday's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.

OU-1

- Continue installation of east wall of enclosure.
- Continue constructing walkway as necessary.

Technical Issues: None



View of SECI 62 barge prior to securing same inside enclosure.



View looking west of barges inside enclosure.



View of solids separation unit discharge chute being installed.



View of process feed line coming from separation unit into gravity thickener.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T143-01.03.12 <u>Date:</u> 01/03/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 Nicholson-3 DPK-2 SECI – 1 Shelby – 16 AMQUIP – 2 CHES-1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley (USACE)		
Weather: AM- Mostly Sunny ; PM- Partly sunny		Temperature: Min. 25F / 28F Max. Wind: 10-20 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued termination of wires in sediment processing motor control center.
- Continue on erection of prefabricated pipe, specifically around gravity thickener.
- Completed available line power terminations.
- Continue on punch list items for Filter Press Set # 1 and 2.
- Removed approximately 8,000 gallons of groundwater from UPF Rain for rent tank and delivered same to OU-1 for processing.
- Visitors to the site included: Anthony DePalma, Colin Archer (NJ Monthly); Elizabeth Butler (USEPA).

OU-1

- Enclosure operations:
 - Commenced installation of the east wall.
 - Installed King piles P-151 to P-157 to final elevation.
 - Installed sheets P-150 to P-153 to final elevation.
- Tieback operations-
 - Continue review of Geokon load cell reporting system.
 - Performed greasing, cap realignment and gasket operations.
- DPK performed floodwall structural survey work.
- Visitors to the site included: Anthony DePalma, Colin Archer (NJ Monthly); Elizabeth Butler (USEPA).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 35 ton RT crane- Utilized for placement of piping in sediment processing area.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction and tieback work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Reviewed revised crew arrangements for enclosure installation efforts.
- Estimated Man hours- 320

Communications:

- Progress Meeting.

Tomorrow's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.

OU-1

- Continue installation of east wall of enclosure.
- Continue work on tieback rearrangements.
- Continue constructing walkway as necessary.

Technical Issues: None



View of tieback without cap greased and ready to receive cap.



View looking east of first template of east wall.



View of CHES truck being utilized to move groundwater from UPF to OU-1.



Installing sludge lines from gravity thickener to sludge tank 1.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T144-01.04.12 <u>Date:</u> 01/04/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 Nicholson-3 SECI – 2 Shelby – 16 AMQUIP - 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy ; PM- Partly cloudy		Temperature: Min. 12F / 28F Max. Wind: 10-20 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued termination of wires in sediment processing motor control center.
- Continue on erection of prefabricated pipe, specifically around sludge tanks.
- Completed available line power terminations.
- Continue on punch list items for Filter Press Set # 1 and 2.

OU-1

- Enclosure operations:
 - Moved template.
 - Installed King piles P-158 to P-161 to final elevation.
 - Installed sheets P-154 to P-157 to final elevation.
- Tieback operations-
 - Continue review of Geokon load cell reporting system.
 - Performed greasing, cap realignment and gasket operations.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 35 Ton RT crane- Utilized for placement of piping for sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift – Utilized for erection of sediment processing system.
- Scissors lift #268 – Utilized for construction of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.

- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction and tieback work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues. Reviewed hot work permit procedures with Weeks and SECI to make sure they conform to ARCADIS policy.
- Estimated Man hours- 324

Communications: None.

Tomorrow's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.

OU-1

- Continue installation of east wall of enclosure.
- Prepare east wall for installation of weir gate.
- Continue work on tieback rearrangements.
- Continue constructing walkway as necessary.

Technical Issues: None

- Due to extreme cold conditions, the site experienced malfunctions with both Geokon load cell system and a vibration monitoring device. The Vibration device had some icing conditions which were resolved and the system is functioning properly. The Geokon system had grounding issues, also resolved.



View of Weeks 541 preparing to set template.



Greasing trumpets along floodwall.



View of photo cell for site lighting.



**Setting steel process piping
from sludge holding tanks.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T145-01.05.12 <u>Date:</u> 01/05/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 Nicholson-2 SECI – 3 Shelby – 17 AMQUIP - 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Mostly Cloudy ; PM- Partly cloudy		Temperature: Min. 25F / 40F Max. Wind: 0-5 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued termination of wires in sediment processing motor control center.
- Continue on erection of prefabricated pipe, specifically around sludge tank #3.
- Continued wiring around stacker conveyors.
- Worked on stainless for static mixers.
- Visitors to the site included: Neil Geevers (SECI).

OU-1

- Enclosure operations:
 - Installed wales and walkways as available.
 - In area of P-153, drove king pile and sheets to weir gate invert elevation; cut sheets to size of weir opening.
 - Installed sheets P-158 to P-160 to final elevation.
- Tieback operations-
 - Continue review of Geokon load cell reporting system.
 - Performed greasing, cap realignment and gasket operations.
 - Performed CQ review of Nicholson work.
- ARCADIS, B&C visited Greenville yard to witness load test for spreader bar to be used on the concrete mattress installation.
- Visitors to the site included: Neil Geevers (SECI); Dave Vosseller (Weeks).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 35 ton RT Crane – Utilized for piping placement in sediment processing area.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.

- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction and tieback work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 308.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.

OU-1

- Continue installation of weir gate.
- Complete work on tieback rearrangements.
- Continue constructing walkway and wales as necessary.

Technical Issues: None



View of Spreader lift test and the lifting of a 24 foot by 40 foot mattress section.



Driving sheets in second template.



View of air cylinder system used on mattress spreader with straps to discharge mattress once placed in river.



View of buoys and concrete blocks to be used as navigational aids for project.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T146-01.06.12 <u>Date:</u> 01/06/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> Weeks- 12 Nicholson-1 SECI – 2 Shelby – 17 AMQUIP - 2 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Jeff Kumar		
Weather: AM- Mostly Sunny ; PM- Sunny		Temperature: Min. 31F / 55F Max. Wind: 0-15 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued termination of wires in sediment processing motor control center.
- Continue on erection of prefabricated pipe, specifically around sludge tanks.
- Continued wiring around stacker conveyors.
- Visitors to the site included: John McNally (CHES).

OU-1

- Enclosure operations:
 - Installed wales and walkways as available.
 - Installed weir gate in area of P-153.
- Tieback operations-
 - Completed dry pack grouting of 4 tiebacks.
 - Performed CQ review of Nicholson work.
- Visitors to the site included: Jeff Kumar (USACE).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 35 ton RT Crane – Utilized for piping placement in sediment processing area.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.

- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction and tieback work.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 296.

Communications: None

Monday's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.

OU-1

- Complete installation of last east wall enclosure template.
- Continue constructing walkway and wales as necessary.

Technical Issues: None



View looking west of weir gate being installed in east wall of enclosure.



Walkway surrounding northwest corner of enclosure.



View of piping installed in the primary separation area on the sediment processing pad.



Conduit installed for conveyor control room.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T148-01.10.12 <u>Date:</u> 01/10/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 DPK-1 SECI – 2 Shelby – 15 AMQUIP – 1 CHESD-1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Jeff Kumar, Ken Maley		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 33F / 47F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued termination of wires in sediment processing motor control center.
- Continue on erection of prefabricated pipe, specifically around the shaker screen, pre-thickener and static mixer.
- Installed e-stop and level transmitter in a contingency tank.
- Visitors to the site included: Paul Bluestein, Fernando Segovia (Tierra); Alina Crincoli, Fernando Vazquez (YPF); Sebastian Sanchez (Maxus) Ken Maley (USACE) ; Matt Bowman (USACE).

OU-1

- Enclosure operations:
 - Drove P-162,163,164,165,166,167,169
 - Fuel pump failure of crane barge. Repair completed at 1500.
- DPK performed structural monitoring along the floodwall.
- Visitors to the site included: Paul Bluestein, Fernando Segovia (Tierra); Alina Crincoli, Fernando Vazquez (YPF); Sebastian Sanchez (Maxus); Jeff Kumar (USACE); Matt Bowman (ARCADIS).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction. Fuel pump broke- AM; repaired PM.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.

- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 282.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.
- Project coordination meeting.

OU-1

- Complete installation of last east wall enclosure king pile and sheet.
- Continue constructing walkway and wales as necessary.

Technical Issues: None



View of template against floodwall.



View of cable tray and piping to sludge tank 2.



View of P-169 being installed.



View of process lines at rear of gravity thickener.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T149-01.11.12 <u>Date:</u> 01/11/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 SECI – 2 Shelby – 16 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Mostly Sunny ; PM- Partly Cloudy		Temperature: Min. 33F / 44F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued termination of wires in sediment processing motor control center.
- Continue on erection of prefabricated pipe, specifically around sludge tanks.

OU-1

- Enclosure operations:
 - Installed all King Piles and sheets to final elevation excepting the following:
 - S-161, S-168, S-169, P-170.
 - Installed wales along east wall as available.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Moved from enclosure to UPF dock.

Health and Safety:

- No issues.
- Estimated Man hours- 270.

Communications:

- Project coordination meeting for 2012 remaining construction and commencement of dredging operations. Attendees included CHESD, EPIC, CHESW, SECI, Weeks, ARCADIS, Tierra.

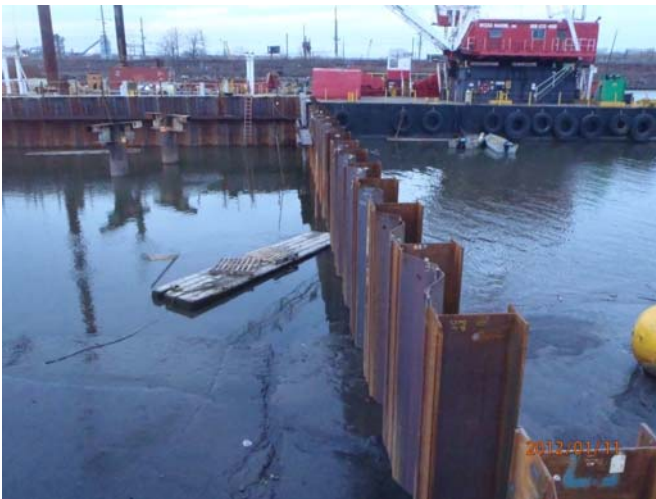
Tomorrow's Planned Activities**UPF**

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.

OU-1

- Complete installation of P-170 and measure for final connection sheet.
- Continue constructing walkway and wales as necessary.

Technical Issues: None



View of east wall during low tide.



Looking east- floodwall connection.



View of Singer Realty wall.



HDPE fusion welding machine.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T150-01.12.12 <u>Date:</u> 01/12/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 SECI – 2 Shelby – 4 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Ken Maley		
Weather: AM- Heavy rain ; PM- Partly Cloudy		Temperature: Min. 43F / 55F Max. Wind: 0-20MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Suspended operations for majority of day for pipe fabrication work due to adverse weather conditions.
- Continue on punch list items for electrical.

OU-1

- Suspended operations for 3 hours due to heavy rains and tidal conditions.
- Enclosure operations:
 - Installed Sheet S-168; Reset P-170 and S-169.
 - Measured SE custom sheet between existing wall and P-170.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 190.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.

OU-1

- Continue constructing walkway and wales as necessary.

Technical Issues: None



View of king pile 170 and proximity to floodwall.



Flow meter for pump used on shaken screen.



View of high tide at Singer Realty.



Measuring for corner connection.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T151-01.13.12 <u>Date:</u> 01/13/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 SECI – 2 Shelby – 16 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 28F / 50F Max. Wind: 5-30MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued terminating wires in MCC container.
- Completed stainless steel polymer line.
- General site cleanup; specifically several storage containers.
- Commenced work on the mass flow meter piping.
- Continue on punch list items for electrical.

OU-1

- Enclosure operations:
 - Completed rough installation of the wales.
 - Continued work on walkways as available.
 - Received final sheet to install in enclosure.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- No issues.
- Estimated Man hours- 303.

Communications: None

Monday's Planned Activities

UPF

- Continue electrical terminations for sediment processing system components.
- Continue piping for sediment processing.
- Delivery and set up of 4 containers for storage and operations areas.

OU-1

- Commence installation of the bubbler system.
- Install sheet S-153.
- Complete wale installation work.
- Continue construction of walkways.

Technical Issues: None



View of spray bars inside shaker skid.



Dockworkers performing installation duties along the east wall of the enclosure.



View of east wall of enclosure.



Pipe rack and cable tray running north/south.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T152-01.16.12 <u>Date:</u> 01/16/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 SECI – 2 Shelby – 16 AMQUIP - 2 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- Sunny ; PM- Sunny ,		Temperature: Min. 17F / 31F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Delivered and performed preliminary setup of filter cake conveyor control room.
- Continued terminating wires in MCC container.
- Placed spare parts and polymer storage containers on process pad.
- Continued work on HDPE pipe to WTP.

OU-1

- Enclosure operations:
 - Continued installation of the enclosure wales.
 - Drove last sheet in enclosure.
 - Began installation of bubbler system.
 - Continued work on walkways.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 35 T RT crane – Utilized for erection and placement of storage facilities and control room.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Utilized to load sheet onto float unit.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized.

Health and Safety:

- Issued SWA. No tagline on a suspended walkway while in operation.
- Estimated Man hours- 303.

Communications:

- Weekly internal progress meeting.

Tomorrow's Planned Activities

UPF

- Continue electrical installation of regulators and transmitters.
- Continue piping for sediment processing.

OU-1

- Continue installation of the bubbler system.
- Continue construction of walkways.

Technical Issues: None



View of control room for filter cake conveyor.



Dockworkers driving last sheet in enclosure.



View of pump and discharge piping inside process water tank.



View of bubbler compressor with hosing prior to installation.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T153-01.17.12 <u>Date:</u> 01/17/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 13 SECI – 2 Shelby – 16 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Rain ; PM- Rain		Temperature: Min. 35F / 53F Max. Wind: 9-22MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Begin installation of water process tank trough.
- Continued terminating wires on misc. motors and transmitters.
- Completed PVC piping from WTP to SECI.
- Continued work on HDPE pipe to WTP.

OU-1

- Enclosure operations:
 - Completed installation of bubbler system.
 - Continued work on walkways.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Utilized to pump storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Not utilized.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 303.

Communications:

- Weekly progress meeting.

Tomorrow's Planned Activities

UPF

- Continue electrical installation of motors and transmitters.
- Continue piping for sediment processing.

OU-1

- Continue construction of walkways.

Technical Issues: None



View of coarse screening area.



View of east wall of enclosure with walkway and weir gate.



View of bubbler piping within enclosure.



View of process water trough on tank.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T155-01.19.12 <u>Date:</u> 01/19/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 SECI – 2 Shelby – 18 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 17F / 36F Max. Wind: 0-20MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed termination work for motors, transmitters, and valves to MCC.
- Completed work on trough including installation of pipe bents.
- Visitors to the site: Fernando Vazquez (YPF); Paul Bluestein (Tierra).

OU-1

- Enclosure operations:
 - Continued installation of walkways.
- Visitors to the site: Adam Chwalibog (ARCADIS); Fernando Vazquez (YPF); Paul Bluestein (Tierra).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Excavator- Utilized for enclosure construction.
- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 311.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue piping for sediment processing.

OU-1

- Continue construction of walkways.
- Install SE special corner section to complete enclosure.

Technical Issues: None



View of trough and pipe bent support.



View of SE corner piece.



View of weir gate on enclosure.



View of fused HDPE pipe.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T156-01.20.12 <u>Date:</u> 01/20/12 <u>Day of Week:</u> <u>S M T W T F</u> <u>S</u>
<u>Contractor (# personnel):</u> Weeks- 12 Ken's Marine-5 SECI – 1 Shelby – 18 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Jeff Kumar; Ken Maley		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 24F / 34F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed wiring sump pit pumps.
- Completed punch list for electrical items.
- Commenced working on the dredge pipe.

OU-1

- Enclosure operations:
 - Continued installation of walkways.
 - Commenced installation of SE storm drain.
 - Partially set SE corner piece.
- Visitors to the site: Adam Chwalibog (ARCADIS); Hayder Camargo (NJDEP).

Project equipment on site and hours of operation (0600 to 0000)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- At 5:30 p.m. while driving the closure sheet pile at the South East corner of OU-1 Floodwall, the main hydraulic line of the ICE 6680 vibratory hammer broke and released approximately 10 gallons of mineral oil into the river. The driving operation immediately ceased. A crew began deploying absorbent booms in the Lower Passaic River to manage the hydraulic fluid. Fluid was also dispersed on Singer Realty Property and OU-1 Floodwall property (approx. 15 gallons). Proper authorities were notified. At 8:00 p.m., 3 labors from Ken's Marine arrived on site to begin cleaning of the soil, scrap vehicle and containers. At the same time Hayder Camargo from NJDEP Emergency Response enforcement Group arrived on site also representing the U.S. Coast Guard since they were not available. Weeks completed cleanup operations at approximately 0100.
- Estimated Man hours- 383.

Communications: None

Monday's Planned Activities**UPF**

- Punch list items for piping.

OU-1

- Continue construction of walkways.
- Complete SE drain line.
- Repair vibratory hammer.

Technical Issues: None



Sump pump base installed in catch basin #5.



View of center terminals installed in PSE&G meter for line power.



View of vibratory hammer clamped on SE corner sheet just prior to driving it.



View of fish screen on weir gate along eastern enclosure wall.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T157-01.23.12 <u>Date:</u> 01/23/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 SECI – 1 Shelby – 12 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Rain ; PM- Rain		Temperature: Min. 35F / 51F Max. Wind: 0-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Installed overflow line for Process water tank
- Continued working on the dredge pipe.

OU-1

- Enclosure operations:
 - Continued installation of walkways.
 - Continued installation of SE storm drain.
 - Repaired ICE vibratory hammer.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- utilized for pumping storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 217.

Communications: None

Tomorrow's Planned Activities

UPF

- Punch list items for piping.

OU-1

- Continue construction of walkways.
- Place concrete mattresses.
- Place Se corner.

Technical Issues: None



View of UPF site looking southwest.



View process dredge line being installed.



View of larox valves being installed on feed side for process.



View of weir gate.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T158-01.24.12 <u>Date:</u> 01/24/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 SECI – 1 Shelby – 12 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy ; PM- sunny		Temperature: Min. 42F / 53F Max. Wind: 5-25 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued work on punch list for piping.
- Continued working on the dredge pipe.
- Visitors to the site: Paul Bluestein (Tierra); Matt Bowman (ARCADIS).

OU-1

- Enclosure operations:
 - Continued installation of walkways.
 - Completed installation of SE drain line.
 - Attempted to secure SE corner sheet (see technical discussion).
- Drove Singer Realty support pile.
- Visitors to the site: Paul Bluestein (Tierra); Matt Bowman (ARCADIS); Dave Voessler, Doug Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for enclosure construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 217.

Communications: None

Tomorrow's Planned Activities

UPF

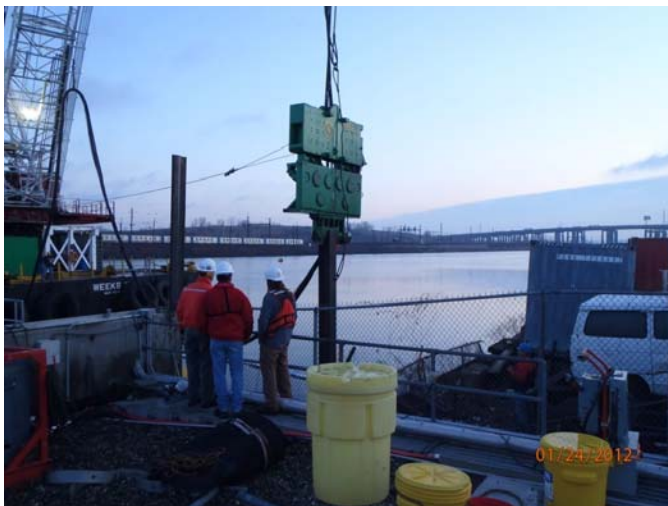
- Punch list items for piping.
- Line power inspection by PSE&G.

OU-1

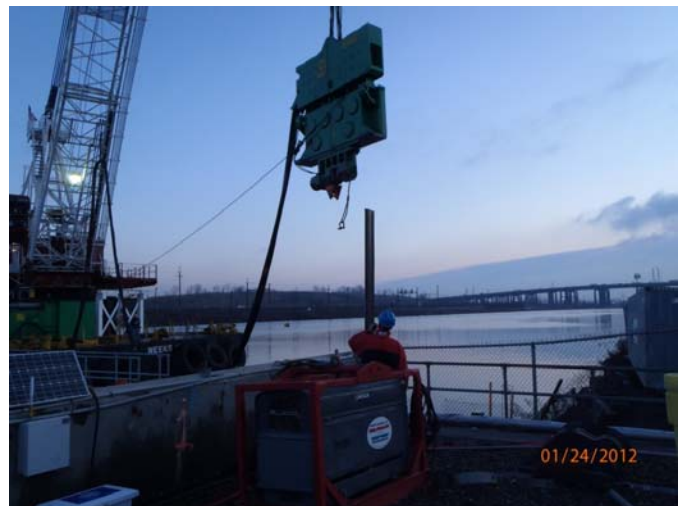
- Continue construction of walkways.
- Begin installation of concrete mattresses.

Technical Issues:

- Attempted to drive SE corner for enclosure without complete success. Final elevation at -14.5. Issues were grout / cement in knuckle of sheet along flood wall; excess concrete surrounding floodwall from floodwall installation; and primarily irregularity of sheet attached to floodwall. Client, ARCADIS present on site, subsequent discussions involved Weeks, B&C and ARCADIS engineers to come up with acceptable design for quick turnaround. Work ceased for day for driving but continued with other tasks to develop costs to present to client before proceeding further.



Weeks driving Singer Realty support pile.



Preparing to drive SE corner for enclosure.



View of completing construction of SE drain.



View of completed SE drain.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T159-01.25.12 <u>Date:</u> 01/25/12 <u>Day of Week:</u> <u> S M T [W] T F S </u>
<u>Contractor (# personnel):</u> Weeks- 12 SECI – 1 Shelby – 12 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- sunny ; PM- Sunny		Temperature: Min. 37F / 47 F Max. Wind: 5-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued work on misc. punch list items for piping.
- Completed punch list for electrical items.
- Completed dredge pipe.
- PSE&G inspection for line power

OU-1

- Enclosure operations:
 - Continued installation of walkways.
 - Removed double sheet along north wall to prevent scour.
 - Prepared for installation of king pile and sheet for SE corner.
 - Demobed driving horses inside enclosure.
- Set one concrete mattress.
- Visitors to the site: Aaron Hunt (ARCADIS).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for mattress installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 217.

Communications: None

Tomorrow's Planned Activities

UPF

- Punch list items for piping.

OU-1

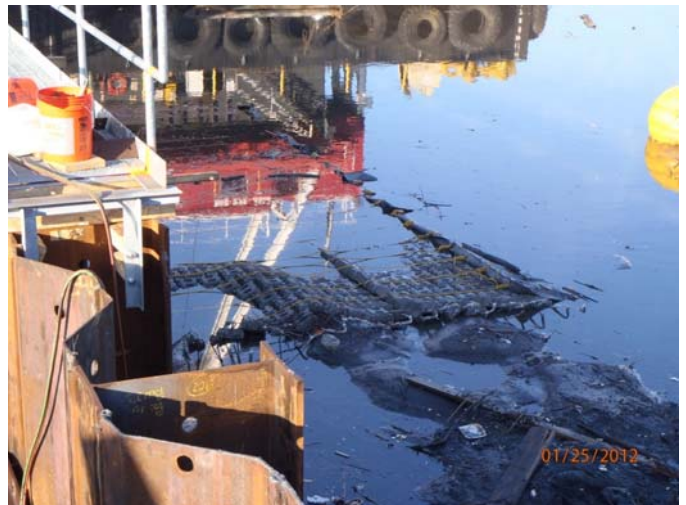
- Complete driving work in SE corner.
- Continue work on walkways.
- Set additional mattresses.

Technical Issues:

- Finalized plan for SE corner. Weeks to drive extra king pile inside enclosure; sheet directly outside enclosure to act as form. Void within king pile to be evacuated using jet pump. Subsequently, void to be filled with concrete. Weeks to provide costs to client/ARCADIS before proceeding. ARCADIS, B&C, Tierra part of discussions.



Fish screen and pump housings for enclosure.



View of first mattress placed by barge during low tide event.



Welding after checking for leaks on SE drain line.



View of dredge pipeline entering coarse solids area.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T160-01.26.12 <u>Date:</u> 01/26/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor (# personnel):</u> Weeks- 12 SECI – 1 Shelby – 10 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Rain/sleet ; PM- Rain		Temperature: Min. 34F / 40F Max. Wind: 0-10 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Installation of supports for piping in process area.
- Installed hoses throughout process area as needed.
- Installed CS jet water header for filter presses.

OU-1

- Enclosure operations:
 - Set king pile and sheet for SE corner.
 - Continued installation of walkways.
- Set two additional concrete mattresses.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for enclosure construction and mattress installation.
- Weeks 290 barge- Utilized for mattresses, monopiles, walkways and buoy installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.

- Estimated Man hours- 225.

Communications: None

Tomorrow's Planned Activities

UPF

- Complete piping punch list.
- Demobe equipment from site.

OU-1

- Continue construction of walkways.
- Continue placement of mattresses.

Technical Issues: None



Transformer cans set on pole.



View of 8 inch steel line from dredge line to contingency tank.



Concrete mattress set against the JBM support pile.



Setting concrete mattress.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T161-01.27.12 <u>Date:</u> 01/27/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 SECI – 1 Shelby – 10 AMQUIP - 1 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Rain ; PM- Rain		Temperature: Min. 48F / 56F Max. Wind: 0-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Successful electrical inspection for line power.
- Completed anchoring to pump frames.
- Completed 4 inch steel jet water line to filter presses.

OU-1

- Ceased site activities at 0900 due to adverse weather conditions.
- Delivery of pipe for enclosure pump.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 8 Ton deck crane – Utilized for construction of sediment processing system.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 45 foot Boom Lift #977 – Utilized for erection of sediment processing system.
- Scissor lift (2) - Utilized for erection of sediment processing system.
- Generator – Utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Not Utilized for Passaic River construction.
- Weeks 290 barge- Not Utilized for mattress, monopile, walkway and buoy installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Not Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 135.

Communications: None

Monday's Planned Activities

UPF

- Misc. electrical punch list items.
- Begin final wiring for processing generators.

OU-1

- Continue construction of walkways.
- Continue placement of mattresses.

Technical Issues: None



CT cabinet.



View of steel line from shaker screen to contingency tank.



Stainless steel wyes installed on membrane water tanks – high pressure water system for filter presses.



View of CT panel and meter box for line power.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T162-01.30.12 <u>Date:</u> 01/30/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 SECI – 1 Shelby – 4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 31F / 42F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed electrical tie in connections to transmitters, valves, hydraulic unit.

OU-1

- Set 2 dolphin piles in Passaic River.
- Prepared for setting of monopiles in river.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not Utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 290 barge- Utilized for mattress, monopile, walkway and buoy installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 165.

Communications: None

Tomorrow's Planned Activities

UPF

- Misc. electrical punch list items.
- Continue final wiring for processing generators.
- Set asphalt curbs.

OU-1

- Complete placement of monopiles.
- Continue placement of mattresses.

Technical Issues: None



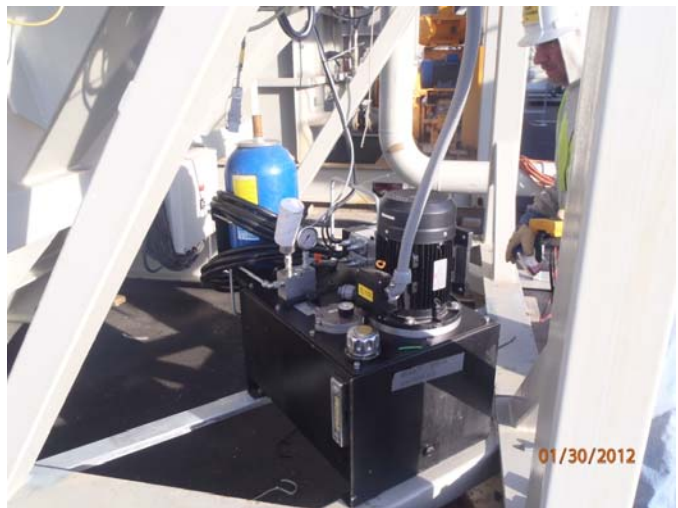
Concrete mattress with sand bags on eastern side of enclosure.



View of crew setting dolphin pipe pile.



View of Passaic River from enclosure.



View of hydraulic unit near coarse solids separation.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T164-02.01.12 <u>Date:</u> 02/01/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 SECI – 3 Shelby – 4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Drizzle/ mostly cloudy ; PM- Mostly cloudy		Temperature: Min. 46F / 64F Max. Wind: 10-30MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed electrical tie ins.
- Prepared to begin connections for generator panels.

OU-1

- Set total of 20 (320 sq ft each) concrete mattresses.
- Demobilized one flexi float from enclosure.
- Visitors to the site included: Adam Chwalibog (ARCADIS); Paul Bluestein (Tierra).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not Utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 290 barge- Utilized for mattress, walkway and buoy installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 185.

Communications: None

Tomorrow's Planned Activities

UPF

- Misc. electrical punch list items.

- Continue final wiring for processing generators.

OU-1

- Continue placement of mattresses.
- Set additional optical survey points.

Technical Issues: None



Wiring up Larox valves on dredge line.



Setting a concrete mattress along eastern wall of enclosure.



View of generator panels for SECI.



View of six inch asphalt curb installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T166-02.03.12 <u>Date:</u> 02/03/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 11 SECI – 2 Shelby – 4 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 30F / 45F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed electrical tie in to generator.
- Mounted one additional light in northeast corner of site.
- Visitors to the site included: Jim Mack (Morris).

OU-1

- Set sand bags along the eastern and northern portions of the enclosure wall for scour protection.
- Installed fish screen and pumps for enclosure.
- Continued work on SECI walkway.
- Visitors to the site included: Ben Martin; Dan Mower, Jeff Moser (Weeks).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not Utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 290 barge- Utilized for fish screen installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 170.

Communications: None

Monday's Planned Activities

UPF

- Complete final wiring for processing generator panels.
- Commence work on punch list items for CHESW.
- Begin HDPE pipe installation.

OU-1

- Jet pump and grout SE corner of enclosure.
- Begin electrical and mechanical work on SECI barge.
- Begin installation of dredge positioning system equipment on Cat 385 excavator in Weeks yard.
- Continue installation of mattresses.
- Install last Eagle eye monitoring station.

Technical Issues: None



Additional light fixture installed.



Generator and panel installed and ready to operate.



Fish screen with pumps and pipe being positioned for installation.



View of system installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T167-02.06.12 <u>Date:</u> 02/06/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 10 Berto- 3 SECI – 3 Vita-1 Shelby – 7 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 38F / 46F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Performed electrical tie in to generator.
- Unloaded HDPE pie; began installation.

OU-1

- Jet pumped and grouted SE corner of enclosure. Used approximately 11 CY.
- Installed kicker forms as designed on Singer Realty support pile.
- Worked on handrails and platform handrails on enclosure.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not Utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 290 barge- Utilized for enclosure installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 222.

Communications: None

Tomorrow's Planned Activities

UPF

- Complete final wiring for processing generator panels.
- Commence work on programming for MCC.
- Continue HDPE pipe installation.

OU-1

- Install concrete mattresses.
- Begin electrical and mechanical work on SECI barge.
- Continue installation of dredge positioning system equipment on Cat 385 excavator in Weeks yard.

Technical Issues: None



Pumping grout between king piles.



Concrete grout between king piles.



Kicker installed on Singer realty support pile.



View of exposed fish screen during low tide event.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T170-02.09.12 Date: 02/09/12 Day of Week: <u>S M T W [T] F S</u>
Contractor (# personnel): Weeks- 10 SECI – 5 Vita-1 Shelby – 8 Hometown Security -1	ARCADIS Personnel Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King (offsite – JTI interviews) Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra -(offsite – JTI interviews) Owner Representatives: Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Sunny; PM- Partly cloudy		Temperature: Min. 30F / 48F Max. Wind: 5-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued programming functions with MCC, equipment, instruments.
- Continued installation of FP HDPE pipe.
- Continued to perform terminations inside the sediment processing MCC.
- Performed programming and layout work with EPIC container positioning at both conveyor locations

OU-1

- Set concrete mattresses (8,320 Sq ft) along north and west walls of enclosure.
- Began installation of dolphin piles.
- Delivered equipment on SECI barge.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not Utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 290 barge- Utilized for mattress placement.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Prepared to begin electrical/ mechanical work.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 263.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue programming for MCC and conveyors.
- Continue terminations for instruments at MCC.
- Continue HDPE pipe installation.

OU-1

- Complete installation of walkway.
- Complete dolphin fender piles.
- Turn SECI 62 barge around for delivery of excavator.
- Continue installation of dredge positioning system equipment on Cat 385 excavator in Weeks yard.

Technical Issues: None



Laying concrete mattress against Sherwin Williams's wall.



HDPE pipe installed near filter presses.



View of control room, conveyor, and scaffolding for filter cake.



View of coarse solids conveyor with EPIC container.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T171-02.10.12 <u>Date:</u> 02/10/12 <u>Day of Week:</u> <u>S M T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 10 SECI – 5 Vita-1 Shelby – 8 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Cloudy ; PM- Cloudy		Temperature: Min. 29F / 38F Max. Wind: 0-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Began programming functions with MCC.
- Continued installation of FP HDPE pipe.
- Continued to perform terminations inside the sediment processing MCC.

OU-1

- Completed walkway work for wooden and steel portions of walkway.
- Completed fender installation on dolphin piles.
- Rotated SECI 62 barge.
- SECI commenced installation of cable trays on SECI 62 barge.
- Visitors to the site included: Jeff Moser (Weeks); Bill Miller (CB Electric).

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not Utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 290 barge- Prepared barge for demobilization.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical/ mechanical work.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues. Performed walk through at OU-1 site. Replaced defective oxygen hoses.
- Estimated Man hours- 263.

Communications: None

Monday's Planned Activities

UPF

- Continue programming for MCC and conveyors.
- Continue terminations for instruments at MCC.
- Complete HDPE pipe installation.

OU-1

- Prepare for installation of hydraulic pipeline.
- Continue electrical and mechanical work on SECI barge.
- Continue installation of dredge positioning system equipment on Cat 385 excavator in Weeks yard.

Technical Issues: None



HDPE piping installed under filter presses.



Shelby installing cable trays for electrical wires.



Completed walkway for enclosure.



View of completed dolphins.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T172-02.13.12 <u>Date:</u> 02/13/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 10 Rain for Rent- 1 SECI – 3 Vita-1 Shelby – 8 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Cloudy ; PM- Cloudy		Temperature: Min. 26F / 45F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued programming functions with MCC, equipment, control room.
- Set pipe supports within sediment processing area.
- Fused hydraulic pipeline pieces in preparation for installation.
- Visitors to the site included: Matt Bowman (ARCADIS).

OU-1

- Set 5 monopiles for the hydraulic pipeline.
- Realigned walkway access ladder due to storm pipe location.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continue electrical/ mechanical work.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 239.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue programming for MCC, control room, and conveyors.
- Continue electrical terminations for instruments at MCC.
- Construction coordination meeting.

OU-1

- Begin installation of hydraulic pipeline in the river.
- Continue electrical and mechanical work on SECI barge.
- Continue installation of dredge positioning system equipment on Cat 385 excavator in Weeks yard.

Technical Issues: None



Cable tray welded onto the deck of the SECI 62 barge.



Driving monopiles for hydraulic pipeline.



Double contained hydraulic pipe being welded.



View of pipe support being installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T173-02.14.12 <u>Date:</u> 02/14/12 <u>Day of Week:</u> <u>S M [T] W T F Su</u>
<u>Contractor (# personnel):</u> Weeks- 11 SECI – 3 Vita-1 Shelby – 11 CHESW-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 35F / 41F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue programming functions with MCC, equipment and control room.
- Installed pipe supports within sediment processing area.
- Began assessment of repair work for water treatment system.
- Continued to perform terminations inside the sediment processing MCC.
- Visitors to the site included: Matthew Bowman, Joe Molina, Leonela Santos, Rob Reed (ARCADIS); Jeff Martin (WEEKS); Neil Geevers (SECI); Mike Wiles, John McNally, Jim Christafano (CHES); Paul Bluestein (Tierra).

OU-1

- Complete walkway surrounding enclosure.
- Install hydraulic pipeline from UPF to enclosure using tug.
- Install hydraulic pipeline inside enclosure.
- SECI continued installing cable trays on SECI 62 barge.
- Visitors to the site included: Jeff Martin (WEEKS).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not Utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Mobilized to site.

OU-1

- Weeks 451 Crane Barge- Utilized for hydraulic pipe installation.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues. Issued SWA for improper crane usage on OU-1 site. Crane utilized for UPF work instead and proper crane was order for following day.
- Estimated Man hours- 293.

Communications:

- Site coordination meeting held between subcontractors, ARCADIS, B&C and Tierra. Meeting minutes to be sent out under separate cover.

Tomorrow's Planned Activities***UPF***

- Continue programming for MCC and equipment via the control room.
- JTI site tour.
- Continue installation of hydraulic pipe line including terminations for water bypass.
- Complete installation of container truck safety system for conveyors.
- Commenced assessment work associated with water treatment.

OU-1

- Lift equipment via crane onto SECI barge.
- Complete installation of hydraulic pipeline.

Technical Issues: None

Setting hydraulic pipeline using tugboat and excavator.



Pipe support for sediment processing with epoxy sealant.



Setting temporary pipeline inside enclosure along wale.



View of tug boat and Weeks 541 crane placing hydraulic pipe line into position.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T174-02.15.12 Date: 02/15/12 Day of Week: <u>S M T [W] T F Su</u>
Contractor (# personnel): Weeks- 10 Amquip-3 SECI – 3 Vita-1 Shelby – 11 CHESW-3 Hometown Security -1	ARCADIS Personnel Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- Drizzle/overcast ; PM- Mostly cloudy		Temperature: Min. 36F / 47F Max. Wind: 5-15MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Began programming functions with MCC.
- Site tour conducted by SECI, ARCADIS and USEPA for USEPA JTI candidates.
- Continued to perform terminations inside the sediment processing MCC.
- Visitors to the site included: Matthew Bowman, Rob Reed (ARCADIS); USEPA JTI candidates.

OU-1

- Complete walkway surrounding enclosure.
- Loaded equipment via crane onto floats for transport to SECI barge.
- Secure hydraulic pipeline to enclosure.
- SECI continued installing cable trays on SECI 62 barge.

Project equipment on site and hours of operation (0600 to 1600)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8 T Telehandler – Utilized for water treatment system construction.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River construction.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 288.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue programming for MCC and equipment via the control room.
- Complete installation of container truck safety system for conveyors.
- Commence rework for piping at water treatment.

OU-1

- Lift equipment via crane onto SECI barge.
- Complete installation of hydraulic pipeline.

Technical Issues: None



Tee for water diversion.



Form for concrete – container stop.



Securing hydraulic pipeline to enclosure wall.



View hydraulic pipeline secured to monopile.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T175-02.16.12 <u>Date:</u> 02/16/12 <u>Day of Week:</u> <u>S M T W [T] F Su</u>
<u>Contractor (# personnel):</u> Weeks- 10 SECI – 3 Vita-1 DPK-1 PSE&G-1 Shelby – 11 CHESW-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Bart Hiemstra; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Drizzle ; PM- Drizzle / Rain		Temperature: Min. 35F / 48F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed installation of line power to site.
- Continued programming functions with MCC, operations room and process equipment.
- Installed protective barriers for electric near container loading areas.
- Continue assembly of piping removed during winterization activities.
- Installed steel supports for pipes in sediment processing.
- Anchored sludge pumps.
- Visitors to the site included: Jim Heiser (DPK).

OU-1

- Installation of navigational buoys.
- Reviewed locations and installation for tide gages and transmitters.
- Completed feeding of wiring to MCC on SECI 62 barge.
- Completed mechanical installation of handrails on SECI 62 barge.
- Visitors to the site included: Jim Heiser (DPK); Dave Vosseller (Weeks).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.
- 8T Telehandler- utilized for restart of water treatment system.

OU-1

- Weeks 451 Crane Barge- Utilized for Passaic River buoy placement.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized for enclosure construction.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 288.

Communications: None.

Tomorrow's Planned Activities

UPF

- Continue reinstallation of piping for CHESW system.
- Complete programming for MCC and equipment via the control room for sediment processing.

OU-1

- Continue work on SECI 62 barge.
- Demobilize Week 541 barge

Technical Issues: None



Completing modified walkway to accommodate hydraulic pipe line.



MCC for SECI 62 barge.



Water spray system for trommel screen on SECI 62 barge.



Navigational buoys installed on river.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T176-02.17.12 <u>Date:</u> 02/17/12 <u>Day of Week:</u> <u>S M T W T [F] Su</u>
<u>Contractor (# personnel):</u> Weeks- 10 SECI – 2 Vita-1 Shelby – 11 CHESW-3 Hometown Security -1	<u>ARCADIS Personnel</u> Michael Pelenski William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Drizzle/Partly cloudy ; PM- Sunny		Temperature: Min. 41F / 48F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continued programming functions with MCC, operations room and process equipment.
- Completed punch list mechanical items throughout sediment processing area.
- Continue assembly of piping removed during winterization activities for water treatment.
- Anchored remaining pumps around gravity settling tank.
- Mobilized office trailer for CHESW and CHESD crews.
- Performed electrical punch list items for sediment processing.

OU-1

- Demobilized Weeks 541 crane barge.
- Commenced termination work for electrical components on SECI 62 barge.
- Continued mechanical work on SECI 62 barge such as extensions to spill guards.
- Visitors to the site included: Dan Mower (Weeks).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 451 Crane Barge- Demobilized from site.
- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized for enclosure construction; placed for safety outside enclosure.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.

- Estimated Man hours- 280.

Communications: None.

Tomorrow's Planned Activities

UPF

- Continue reinstallation of piping for CHESW system.
- Complete programming for MCC and equipment via the control room for sediment processing.

OU-1

- Possible work on SECI 62 barge.

Technical Issues: None



Completed handrail on SECI 62 barge.



CHES office trailer mobilized to site.



View of coarse solids loading area.



Terminating conveyor wiring.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T177-02.18.12 Date: 02/18/12 Day of Week: <u>S M T W T F [S]</u>
Contractor (# personnel): SECI – 2 Vita-1 CHESW-3 Hometown Security -1	ARCADIS Personnel	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 33F / 48F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Verification work performed on programming for filter cake conveyors.
- Repaired and replaced relief valves on MMF's in water treatment.
- Terminations performed within MCC on 110V wiring.

OU-1 No work

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Not utilized.
- Weeks float stations – Not utilized.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues. Performed TIP on CHESW personnel.
- Estimated Man hours- 90.

Communications: None.

Monday's Planned Activities

UPF

- Begin work on Actiflo trailer.
- Continue reinstallation of piping for CHESW system.

OU-1

- Continue work on SECI 62 barge

Technical Issues: None



Computer screen for filter presses inside control room.



View of console for lead operator in control room for sediment processing.



Replacing relief valve on MMF in water treatment.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T178-02.20.12 <u>Date:</u> 02/20/12 <u>Day of Week:</u> <u>S [M] T W T F Su</u>
<u>Contractor (# personnel):</u> Weeks- 1 SECI – 3 Shelby – 4 CHESW-3 Williams Scotsman-1 Crown-2 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Partly cloudy ; PM- Sunny		Temperature: Min. 32F / 43F Max. Wind: 5-20MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Began rework of Actiflo trailer.
- Continue assembly of piping removed during winterization activities for water treatment.
- Installed skirting and anchored CHES trailer.
- Visitors to the site included: Scott Morris, Joe Corrado (ARCADIS).

OU-1

- Commenced termination work for electrical components on SECI 62 barge.
- Continued piping for pumps on SECI 62 barge.
- Continue installation of RTK-GPS system for excavator.
- Visitors to the site included: Jeff Martin (Weeks).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not utilized for pumping of storm water.
- 2T forklift – Not utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Not utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Not utilized.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues. Reviewed site health and safety site issues with SECI.
- Estimated Man hours- 159.

Communications: None.

Tomorrow's Planned Activities

UPF

- Continue work on Actiflo trailer.
- Continue reinstallation of piping for CHESW system.
- Energize storm water pump station.
- Perform general site cleanup.

OU-1

- Continue work on SECI 62 barge.
- Continue checking for leaks in enclosure.
- Energize fish screen pump and weir gate.

Technical Issues: None



**Completing the installation of a skirt
on the CHES trailer.**



**MMF materials delivered to the site and
await installation.**



**Pallet of new hose to be used
for equalization tanks.**



**Repairing PVC piping that failed
due to cold weather over the winter.**

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		<u>File No.</u> T179-02.21.12 <u>Date:</u> 02/21/12 <u>Day of Week:</u> <u>S M [T] W T F Su</u>
<u>Contractor (# personnel):</u> Weeks- 7 CB Electric- 2 Abscope- 3 SECI – 5 Shelby – 4 CHESW-5 Crown-3 Calgon- 2 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Partly cloudy		Temperature: Min. 26F / 49F Max. Wind: 0-30MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Began rework of Actiflo trailer.
- Energized storm water pump station.
- Begin repair work on Calgon vessels.
- Completed installation of storm water pump station.
- Poured concrete for truck bumpers at conveyors.
- Continue assembly of piping removed during winterization activities for water treatment.
- Visitors to the site included: Matt Bowman (ARCADIS).

OU-1

- Complete installation of east storm water pipe and cover.
- Commenced electrical installation of the enclosure pump station and weir gate.
- Completed installation of remaining sand bags for scour protection.
- Installed navigational lights on buoys.
- Continued termination work for electrical components on SECI 62 barge.
- Continued piping for pumps on SECI 62 barge.
- Continue installation of RTK-GPS system for excavator.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.

- Weeks float stations – Utilized to access leaks in enclosure.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 337.

Communications: None.

Tomorrow's Planned Activities

UPF

- Continue work on Actiflo trailer.
- Continue reinstallation of piping for CHESW system.
- Continue work on Calgon carbon tanks.

OU-1

- Continue work on SECI 62 barge.
- Continue checking for leaks in enclosure.
- Prepare for testing of hydraulic pipe line.

Technical Issues: None



Pouring concrete curbing for chassis / container loading.



Abscope completing installation of pump station at UPF.



View of weather station with software that will be installed at UPF and used as official weather station for project.



Navigational light installed on buoy.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF		<u>File No.</u> T183-02.27.12 <u>Date:</u> 02/27/12 <u>Day of Week:</u> <u>S [M] T W T F Su</u>
<u>Contractor (# personnel):</u> Weeks- 6 DPK-2 SECI – 3 Shelby – 7 CHESW-5 Calgon-3 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 29F / 59F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Received generator and fuel cell for CHESW.
- Began installation of reactivated carbon into vessels for water treatment.
- Continue assembly of piping removed during winterization activities for water treatment.

OU-1

- Work on sealing leaks within enclosure.
- Begin installation of inclinometers.
- Installed piping and valves for process piping within enclosure.
- Continued termination work for electrical components on SECI 62 barge.
- Begin mechanical work on trommel screen.
- Install tide boards.
- Continue installation of RTK-GPS system for excavator.

Project equipment on site and hours of operation (0600 to 1900)

UPF

- Honda 2" trash pump- Not utilized.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized to access leaks in enclosure.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 285.

Communications: Weekly internal project meeting.

Tomorrow's Planned Activities

UPF

- Begin electrical work on water treatment.
- Continue reinstallation of piping for CHESW system.

OU-1

- Continue installation of inclinometers.
- Continue work on SECI 62 barge.
- Continue checking for leaks in enclosure.
- Continue work on RTK-GPS system for dredge.

Technical Issues: None



Confirming 0.5 inch diameter of trommel screen.



Preparing to install piping and valves for process within enclosure.



Reinstalled three way valve.



Inside view of hopper barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF		<u>File No.</u> T184-02.28.12 <u>Date:</u> 02/28/12 <u>Day of Week:</u> <u>S M [T] W T F Su</u>
<u>Contractor (# personnel):</u> Weeks- 7 SECI – 5 Shelby – 7 CHESW-5 Calgon-2 RJS Electric- 1 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski Zachary McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 36F / 51F Max. Wind: 5-25 MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Calgon made repairs to carbon vessels.
- Continue work on storm water header.
- Mobilization of generator and hook up of same.
- Begin reinstallation of instruments by electrician.
- Labeling for wiring in MCC and instruments.

OU-1

- Continue installation of inclinometers.
- Continued termination work for electrical components on SECI 62 barge.
- Continue installation of lights /camera for SECI 62 barge.
- Continue installation of RTK-GPS system for excavator.

Project equipment on site and hours of operation (0600 to 1900)

UPF

- Honda 2" trash pump- Not utilized.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized to access leaks in enclosure.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 288.

Communications: Project status meeting.

Tomorrow's Planned Activities

UPF

- Continue work on pump station piping.
- Continue reinstallation of electric and transmitters.
- Calgon to slurry 80,000 lbs. of carbon.
- Continue reinstallation of piping for CHESW system.

OU-1

- Complete installation of inclinometers.
- Continue work on SECI 62 barge.
- Continue checking for leaks in enclosure.
- Continue work on RTK-GPS system for dredge.

Technical Issues: None



View of trommel screen from inside.



Check valves located on top of the three storm water pumps.



View of storm water header piping prior to installation.



CHESW installed generator.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T183-02.27.12 Date: 02/27/12 Day of Week: <u>S [M] T W T F Su</u>
Contractor (# personnel): Weeks- 7 DPK-2 SECI – 3 Shelby – 7 CHESW-5 JB electric - 1 Calgon-2 Hometown Security -1	ARCADIS Personnel William Jennings Michael Pelenski Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Overcast ; PM- Rain		Temperature: Min. 33F / 45F Max. Wind: 0-20MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Delivery and set up generators for SECI.
- Set up for generator for CHESW.
- Continue work on electrical installation for CHESW.
- Continue installation of lighting for SECI canopies.
- Labeling for wiring in MCC and instruments.
- Visitors to the site included: John McNally (CHES); Michael J. Lythcott (Skeo).

OU-1

- Completed installation of tide boards.
- Continued installation of inclinometers along enclosure wall.
- Continue installation of lights /camera for SECI 62 barge.
- Continue mechanical work on trommel screen.
- Continue installation of RTK-GPS system for excavator.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized to access leaks in enclosure.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues. Submitted to site project managers the ARCADIS safety presentation for all personnel developed by ARCADIS safety.
- Estimated Man hours- 302.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue installation of electrical wiring for water treatment.
- Continue installation of lights for canopies.
- Check carbon vessels for pressure integrity.
- Commence building walkways.

OU-1

- Complete installation of inclinometers.
- Continue work on SECI 62 barge.
- Continue checking for leaks in enclosure.
- Continue work on RTK-GPS system for dredge.

Technical Issues: None



Lights being installed in canopy at UPF.



View of energized pump control room.



View of installed tide board.



Generators installed for SECI processing.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T186-03.01.12 Date: 03/01/12
Contractor (# personnel): Weeks- 7 SECI – 3 Shelby – 7 Allstate Scaffolding- 4 CHESW-5 JB Electric - 1 Calgon-2 Hometown Security -1	ARCADIS Personnel William Jennings Michael Pelenski Zach McCoy	Day of Week: <u>S M T W [T] F Su</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Rain ; PM- Rain		Temperature: Min. 38F / 45F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Continue work on electrical installation for CHESW.
- Continue installation of lighting for SECI canopies.
- Labeling for wiring in MCC and instruments.
- Continue on installation of sludge tank covers.
- Visitors to the site included: Rob Reed, Gene Stephenson, Michal Derlicki (ARCADIS).

OU-1

- Completed installation of inclinometers along enclosure wall.
- Begin test log work on inclinometers.
- Load out of equipment at Greenville yard for Saturday.
- Continue installation of lights /camera for SECI 62 barge.
- Continue mechanical work on trommel screen.
- Complete installation of RTK-GPS system for excavator.

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized to access leaks in enclosure.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues. There was a Near Loss Incident involving the storm drains at OU-1 near the northeast walkway. Repairs are necessary because the grating does not adequately fit within the storm drain. Daryck Brown with Brown and Caldwell was informed of the situation and it is going to be addressed.
- Estimated Man hours- 318.

Communications: None**Tomorrow's Planned Activities*****UPF***

- Continue installation of electrical wiring for water treatment.
- Commence running water to check for leaks in water treatment plant.
- Continue installation of lights for canopies.
- Complete installation of carbon at water treatment.
- Continue building walkways.
- Begin installation of tank covers for sludge tanks.
- Interviews for JTI personnel on site.

OU-1

- Begin baseline test readings for inclinometers.
- Continue work on SECI 62 barge.
- Continue checking for leaks in enclosure.
- Demonstration at Greenville yard for RTK-GPS system for dredge.

Technical Issues: None

Loading SECI excavator onto Weeks barge.



View of staged air monitoring sampling stations.



View of inside of air sampling station.



Installed inclinometer.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T187-03.02.12 Date: 03/02/12 Day of Week: <u>S M T W T [F] Su</u>
Contractor (# personnel): Weeks- 7 DPK-2 SECI – 3 Shelby – 7 Allstate Scaffolding- 4 CHESW-5 JB Electric - 1 Calgon-3 Hometown Security -1	ARCADIS Personnel William Jennings Michael Pelenski Zach McCoy	Temperature: Min. 35F / 43F Max. Wind: 0-15MPH
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Elizabeth Butler		
Weather: AM- Rain ; PM- Rain		

Contractor's Activities, Visitors, Remarks:

UPF.

- Complete mechanical work for SECI.
- Conducted interviews for JTI personnel on site.
- Completed installation of one sludge tank cover.
- Continue work on electrical installation for CHESW.
- Continue installation of lighting for SECI canopies.
- Labeling for wiring in MCC and instruments.
- Visitors to the site included: Rob Reed, Gene Stephenson, Michal Derlicki (ARCADIS); Paul Bluestein (Tierra); Elizabeth Butler (USEPA).

OU-1

- DPK performed survey activities.
- Commence set up of air monitoring stations.
- Continue installation of lights /camera for SECI 62 barge.
- Continue mechanical work on trommel screen.
- Performed leak sealing on enclosure.
- Performed site demonstration of RTK-GPS system for excavator.
- Bolted hydraulic pipeline.
- Visitors to the site included: Gene Stephenson, Michal Derlicki (ARCADIS); Paul Bluestein (Tierra); Elizabeth Butler (USEPA).

Project equipment on site and hours of operation (0600 to 1800)

UPF

- Honda 2" trash pump- Utilized for pumping of storm water.
- 2T forklift – Utilized for construction of sediment processing system.
- 45ft Boom Lift #581 – Utilized for construction of sediment processing system.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Not utilized.

- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Not utilized.
- SECI 62 barge- Continued electrical / mechanical work.
- Weeks float stations – Utilized to access leaks in enclosure.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 338.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue electrical rework for water treatment.
- Build stairs and ramps for site access in water treatment area.

OU-1

- Offload equipment from barge to SECI and Weeks barges inside enclosure.

Technical Issues: None



Inclinometer about to be placed in casing.



View of air monitoring sampling stations.



View of pumping carbon into vessels.



Dredge bucket on CAT 385 excavator during demonstration in Week's Greenville yard.

DAILY CONSTRUCTION ACTIVITIES REPORT

Project: <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME</u> <u>CRITICAL REMOVAL ACTION- OU-1 & UPF</u>		File No. T188-03.03.12 Date: 03/03/12
Contractor (# personnel): Weeks- 16 SECI – 3 CHESW-5 JB Electric - 1 Hometown Security -1	ARCADIS Personnel William Jennings Michael Pelenski Zach McCoy	Day of Week: <u>S M T W T F [S]</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Weather: AM- Drizzle ; PM- Partly Cloudy		Temperature: Min. 45F / 55F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Erect walkways and ramps for CHESW.
- Electrical hookups for CHESW.
- Site setup for SECI.
- Set up air stations on site.
- Visitors to the site included: Gene Stephenson, Michal Derlicki (ARCADIS).

OU-1

- Set up air stations on site.
- Performed test log reading for one inclinometer.
- Offloaded 2 excavators, 1 skid steer, 2 fuel tanks and 1 generator onto barges within the enclosure.
- Visitors to the site included: Gene Stephenson, Michal Derlicki (ARCADIS).

Project equipment on site and hours of operation (0600 to 1700)

UPF

- Honda 2" trash pump- Not utilized.
- 2T forklift – Not utilized.
- 45ft Boom Lift #581 – Not utilized.
- 8T Telehandler- Utilized for restart of water treatment system.

OU-1

- Weeks 65 barge – Set fuel tank, excavator.
- Weeks 71 barge- Not utilized.
- Weeks 72 barge- Not utilized.
- Weeks 216 barge- Set skid steer into barge.
- SECI 62 barge- set excavator, generator, fuel tank.
- Weeks float stations – Utilized to access site.
- 17 foot skiff- Not utilized; out of water.

Health and Safety:

- No issues.
- Estimated Man hours- 282.

Communications: None

Monday's Planned Activities

UPF

- Commence active dredging health and safety briefings for site personnel.
- Commence final programming and electrical work for water treatment.
- Commence running water to check for leaks in water treatment plant.
- Complete installation of lights for canopies.
- Begin final checks for programming and operations for Sediment processing.
- Complete installation of tank covers for sludge tanks.

OU-1

- Commence baseline test readings for inclinometers.
- Continue work on SECI 62 barge.
- Continue checking for leaks in enclosure.
- Commence installation of barge covers.
- Erection of wooden walls inside material barges.
- Commence ARCADIS monitoring training.

Technical Issues: None



Air monitoring station located along southern perimeter of OU-1 site.



ARCADIS personnel performing inclinometer baseline readings.



Loading SECI excavator onto barge.



Loading Weeks excavator onto barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF		<u>File No.</u> T189-03.05.12 <u>Date:</u> 03/05/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks- 10 Landmark-1 SECI – 5 Shelby-9 Magtech-1 Blacher Canvas-4 CHESW-5 JB Electric - 2 Hometown Security -1	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski Zach McCoy Evonna Crudup Jake Suer	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 30F / 44F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

UPF

- Completed installation of tank covers for two sludge holding vessels.
- Erect walkways and ramps for CHESW.
- Electrical review and programming for CHESW.
- Yard tractor delivered for CHESD.
- Delivery of super absorbent to site.
- Completed installation of storm water station.
- Repair of leaks in SECI vessels.
- Began pumping water to gravity thickener.
- Begin background air monitoring on site.
- Visitors to the site included: M. Mustafa, B. Sy, Elizabeth Butler (USEPA); Gene Stephenson, Michal Derlicki, Andy Baumeister, Danny Mays, Greg Ertel (ARCADIS).

OU-1

- Begin background air monitoring on site.
- Commenced Weeks site training for new employees.
- Delivery of backhoe to site.
- Delivery of super absorbent to site.
- Performed baseline readings for inclinometers.
- Visitors to the site included: M. Mustafa, B. Sy, Elizabeth Butler (USEPA); Gene Stephenson, Michal Derlicki, Andy Baumeister, Danny Mays, Greg Ertel (ARCADIS).

Project hours of operation

UPF 0600 to 2000

OU-1 0700 to 1900

Health and Safety:

- No issues. Began ARCADIS safety orientation for site personnel.
- Estimated Man hours- 421.

Communications: None

Tomorrow's Planned Activities

UPF

- Continue active dredging health and safety briefings for site personnel.

- Complete final programming and electrical work for water treatment.
- Commence running water to check for leaks in water treatment plant and sediment processing.
- Begin final checks for programming and operations for Sediment processing.

OU-1

- Perform active dredging health and safety briefings for site personnel.
- Commence baseline test readings for inclinometers.
- Continue work on SECI 62 barge including programming.
- Continue checking for leaks in enclosure.
- Continue installation of barge covers.
- Continue erection of wooden walls inside material barges.
- Continue ARCADIS monitoring training.

Technical Issues: None



Work platform being built for pump house.



Finalizing construction of storm water system.



Tank covers being installed.



CHESD yard tractor delivered to site.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF		<u>File No.</u> T195-03.12.12 <u>Date:</u> 03/12/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks DPK SECI Shelby CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski Zach McCoy Evonna Crudup Jake Suer Adam Green Tony Taylor Craig Burns Tom O'Rourke	<u>Day of Week:</u> <u>S [M] T W T F S</u>
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Jeff Kumor; Elizabeth Butler		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 30F / 44F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

- Today is considered the first day of start up so no downtime is being recorded for this date.
- Dredging (Areas 4,5,6, lift 1 – EM)
 - Estimated Volume today- 530 CY
 - Estimated volume to date- 1010 CY
 - Significant items- review of h2s monitor locations / specifications; barge movement
- Sediment processing
 - Estimated slurry volume – approximately 500 CY ending 0700 Tuesday
 - Estimated slurry volume to date- 500 CY
 - Significant items- fuse on processing barge; conveyor motor
- Water treatment
 - Estimated gallons processed- 365,320 gallons
 - Estimated gallons to date – 365,320 gallons
 - Significant items- split pipe.
- Disposal
 - Material shipped off site today – 6 tieback containers
 - Material shipped off site to date – 6 tieback containers
 - Significant items- scaffolding rebuilt @ UPF
- Continued air monitoring
- Continued active dredging health and safety briefings for site personnel.
- Delivery of additional containers/chassis to site.
- Repair of leaks in SECI vessels.
- Visitors to the site included: P. Bluestein (Tierra); M. Bowman, Greg Ertel (ARCADIS); Jeff Moser, Kathleen Haskey (Weeks); Tony Fisher (Clean Harbors).

Project hours of operation

UPF 0600 to 2400
OU-1 0630 to 2400

Health and Safety:

- Elevated readings occurred for H2S below the regulatory limit, predominantly with Weeks personnel operating the skiffs in the enclosure. No incidents occurred outside the immediate vicinity of combustion engines. Preliminary information forwarded to Weeks for review. Continue ARCADIS safety orientation

for site personnel. Review being handled by ARCADIS CIH and Weeks Safety. Continue ARCADIS safety orientation for site personnel.

Communications:

- First daily operations meeting to be held at 0745 Tuesday for Monday's Reporting.

Tomorrow's Planned Activities

- Continue active dredging
- Continue active processing
- Continue active water treatment
- Ship EM material off site.
- Take batch/startup water samples.

Technical Issues: None



Work platform being built for pump house.



Finalizing construction of storm water system.



Tank covers being installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION- OU-1 & UPF		<u>File No.</u> T196-03.13.12 <u>Date:</u> 03/13/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks DPK SECI Shelby CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Michael Pelenski Zach McCoy Evonna Crudup Jake Suer Adam Green Tony Taylor Craig Burns Tom O'Rourke	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Matthew Creamer; Ken Maley; Elizabeth Butler		
Weather: AM- drizzle ; PM- Sunny		Temperature: Min. 54F / 76F Max. Wind: 5-20MPH

Contractor's Activities, Visitors, Remarks:

- Today is considered the second day of batch start up so no downtime is being recorded for this date.
- Dredging (Areas 4,5,6, lift 1 – EM)
 - Estimated Volume today- 730 CY
 - Estimated volume to date- 1740 CY
 - Significant items- 2 barge loadings plus movement
- Sediment processing
 - Estimated slurry volume – 565,328 gallons
 - Estimated slurry volume to date- 977,436 gallons
 - Significant items- 62/63% solids, 72 lb/CF, conveyor
- Water treatment
 - Estimated gallons processed- 521,423 gallons
 - Estimated gallons to date – 886,743 gallons
 - Significant items- polymer pump, 362 GPM
- Disposal
 - Material shipped off site today – 7 filter cake containers
 - Material shipped off site to date – 13 containers
 - Significant items- removed crane mats, communication
- Continued air monitoring.
- Visitors to the site included: P. Bluestein (Tierra); M. Bowman (ARCADIS); Tony Fisher (Clean Harbors).

Project hours of operation

UPF 0000 to 2400
OU-1 0000 to 2400

Health and Safety:

- During operations meeting for today; requested incorporation of review of night time enclosure procedures. Reviewed h2s monitor status; recommended training to be provided to Weeks personnel for digital readouts. CK to follow up.

Communications:

- Daily operations meeting held at 0745.

Tomorrow's Planned Activities

- Continue active dredging
- Continue active processing

- Continue active water treatment
- Ship EM material off site.

Technical Issues: None



Unloading filter cake into containers.



Preparing to take second set of batch water samples.



View of auxiliary WT facility building.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T197-03.14.12 <u>Date:</u> 03/14/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>										
<u>Contractor (# personnel):</u> Weeks SECI Shelby CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">William Jennings</td> <td style="width: 33%;">Jake Suer</td> </tr> <tr> <td>Adam Green</td> <td>Tony Taylor</td> </tr> <tr> <td>Craig Burns</td> <td>Tom O' Rourke</td> </tr> <tr> <td>Michael Pelenski</td> <td>Zach McCoy</td> </tr> <tr> <td>Evonna Crudup</td> <td>Scott Campbell</td> </tr> </table>	William Jennings	Jake Suer	Adam Green	Tony Taylor	Craig Burns	Tom O' Rourke	Michael Pelenski	Zach McCoy	Evonna Crudup	Scott Campbell	
William Jennings	Jake Suer											
Adam Green	Tony Taylor											
Craig Burns	Tom O' Rourke											
Michael Pelenski	Zach McCoy											
Evonna Crudup	Scott Campbell											
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak USEPA/USACE Representatives: None												
Weather: AM- Overcast ,Drizzle ; PM- Overcast		Temperature: Min. 44F / 51F Max. Wind: 0-10MPH										

Contractor's Activities, Visitors, Remarks:

- Today is considered the third day of start up so no downtime is being recorded for this date.
- Dredging (Areas 2,3 lift 1 – EM)
 - Estimated Volume today- 443 CY
 - Estimated volume to date- 2183 CY
 - Significant items- satellite location problems
- Sediment processing
 - Estimated slurry volume – 602,312 gallons
 - Estimated slurry volume to date- 1,579,749 gallons
 - Significant items- filter cake stacking conveyor issues
- Water treatment
 - Estimated gallons processed- 799,982 gallons
 - Estimated gallons to date – 1,686,725 gallons
 - Significant items- Crown on site performing testing.
- Disposal
 - Material shipped off site today – 15 filter cake containers
 - Material shipped off site to date – 28 containers
- Continued air monitoring.
- Visitors to the site included: M. Bowman, (ARCADIS); Tony Fisher, Jim Noles (Clean Harbors).

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Receive results from batch sampling.
- Commence loading rail cars.

Technical Issues: None



Material in barge.



Tiltmeter.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T198-03.15.12 <u>Date:</u> 03/15/12 <u>Day of Week:</u> <u>S M T W T F S</u>										
<u>Contractor (# personnel):</u> Weeks SECI Shelby CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> <table style="width: 100%; border: none;"> <tr> <td>William Jennings</td> <td>Jake Suer</td> </tr> <tr> <td>Adam Green</td> <td>Tony Taylor</td> </tr> <tr> <td>Craig Burns</td> <td>Tom O' Rourke</td> </tr> <tr> <td>Michael Pelenski</td> <td>Zach McCoy</td> </tr> <tr> <td>Evonna Crudup</td> <td>Scott Campbell</td> </tr> </table>	William Jennings	Jake Suer	Adam Green	Tony Taylor	Craig Burns	Tom O' Rourke	Michael Pelenski	Zach McCoy	Evonna Crudup	Scott Campbell	
William Jennings	Jake Suer											
Adam Green	Tony Taylor											
Craig Burns	Tom O' Rourke											
Michael Pelenski	Zach McCoy											
Evonna Crudup	Scott Campbell											
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak USEPA/USACE Representatives: Ken Maley; Elizabeth Butler												
Weather: AM- Overcast ,Drizzle ; PM- Overcast		Temperature: Min. 44F / 54F Max. Wind: 0-10MPH										

Contractor's Activities, Visitors, Remarks:

- Today is considered the fourth day of start up so no downtime is being recorded for this date.
- Dredging (Areas 1,2,3 lift 1 – EM)
 - Estimated Volume today- 513 CY
 - Estimated volume to date- 2663 CY
 - Significant items- dredging for 2 barges
- Sediment processing
 - Estimated slurry volume – 330,479 gallons
 - Estimated slurry volume to date- 1,910,228 gallons
 - Significant items- filter cake stacking conveyor
- Water treatment
 - Estimated gallons processed- 433,432 gallons
 - Estimated gallons to date – 2,120,157 gallons
 - Significant items- generator, polymer pump.
- Disposal
 - Material shipped off site today – 10 filter cake containers
 - Material shipped off site to date – 38 containers
 - Significant items- first containers loaded onto rail cars; 23 t average for 10 containers.32 filter cake containers weighing 701T.
- Continued air monitoring.
- Visitors to the site included: P. Bluestein (Tierra); M. Bowman, Bob Romagnoli, Rob Reed (ARCADIS); Tony Fisher, Jim Noles (Clean Harbors).

Project hours of operation 0000 to 2400

Health and Safety:

- No issues. TIP performed inclinometer. Sound monitoring performed; Base of shaker screen- 80 db. Extended duration of work in vicinity will require hearing protection.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Commence full scale operations in a start up mode (discharge to Passaic River).
- Ship EM material via rail cars.

Technical Issues: None

Tank covers being installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T197-03.14.12 <u>Date:</u> 03/14/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI EPIC CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: None		
Weather: AM- Overcast ,Drizzle ; PM- Overcast		Temperature: Min. 44F / 51F Max. Wind: 5-15MPH

Contractor's Activities, Visitors, Remarks:

- Today is considered the fifth day of start up so no downtime is being recorded for this date.
- Dredging (Areas 1,2,3 lift 1 – EM)
 - Estimated Volume today- 140 CY
 - Estimated volume to date- 2836 CY
 - Significant items- dredging for 1 barge.
- Sediment processing
 - Estimated slurry volume – 394,453 gallons
 - Estimated slurry volume to date- 2,699,133 gallons
 - Significant items- await WT start up
- Water treatment
 - Estimated gallons processed- 491,611 gallons
 - Estimated gallons to date – 2,611,768 gallons
 - Significant items- generator, fresh water pump replaced.
- Disposal
 - Material shipped off site today – 8 filter cake containers
 - Material shipped off site to date – 46 containers
 - Significant items- 23. 4 t average.
- Continued air monitoring.
- Visitors to the site included: Bob Romagnoli, Rob Reed (ARCADIS); Tony Fisher, Jim Noles (Clean Harbors).

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Monday's Planned Activities

- Continue full scale operations in a start up mode (discharge to Passaic River).

Technical Issues: None



Containers loaded on rail cars for shipment.



View of water treatment plant during operations.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T200-03.17.12 <u>Date:</u> 03/17/12 <u>Day of Week:</u> <u>[S] M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Adam Green Craig Burns Michael Pelenski Evonna Crudup Tony Taylor Tom O' Rourke Zach McCoy Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak USEPA/USACE Representatives: None		
Saturday Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 41F / 65F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

- Combined report for Saturday and Sunday due to week ending at 0700 on Sunday. This will be continued for each week no processing is performed on Sunday.
- Dredging (Areas 1,2,3 lift 1 – EM)
 - Estimated Volume today- 767 CY
 - Estimated volume to date- 3613 CY
 - Significant items- dredging for 2 barges
- Sediment processing
 - Estimated slurry volume Saturday – 744,471 gallons
 - Estimated slurry volume Sunday – xxxx gallons (await figures)
 - Estimated slurry volume to date- 3,049,152 gallons
 - Significant items- no significant mechanical downtime.
- Water treatment
 - Estimated gallons processed Saturday – 745,497 gallons
 - Estimated gallons processed Sunday – 182,244 gallons
 - Estimated gallons discharged Saturday – 653,156 gallons
 - Estimated gallons discharged Sunday - 150,875 gallons
 - Estimated gallons processed to date – 3,357,265 gallons
 - Significant items- replaced bag filters.
- Disposal
 - Material shipped off site Saturday – 25 filter cake containers
 - Material shipped off site Sunday – 3 filter cake containers
 - Material shipped off site to date – 74 containers
 - Significant items- For project to date – 22.63 T average.
- Continued air monitoring.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held Monday at 0745 at UPF for Saturday, Sunday and weekly.

Monday's Planned Activities

- Commence full scale operations.

Technical Issues: None

Tank covers being installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T201-03.19.12 <u>Date:</u> 03/19/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Adam Green Craig Burns Michael Pelenski Evonna Crudup Tony Taylor Tom O' Rourke Zach McCoy Scott Campbell	<u>ARCADIS Construction Supervisor:</u> Coleman King <u>Contractor's Supervisor:</u> Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano <u>Owner Representatives:</u> Jack Rodak <u>USEPA/USACE Representatives:</u> Matt Creamer, Ken Maley, Elizabeth Butler, Michael Hoppe
Saturday Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 48F / 77F Max. Wind: 0-15MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 3 lift 1 – EM)
 - Estimated Volume today- 633 CY
 - Estimated volume to date- 4246 CY
 - Significant items- dredging for 2 barges
- Sediment processing
 - Estimated slurry volume – 506,556 gallons
 - Estimated slurry volume to date- 3,555,708 gallons
 - Significant items- no significant mechanical downtime.
- Water treatment
 - Estimated gallons processed – 412,038 gallons
 - Estimated gallons discharged – 346,701 gallons
 - Estimated gallons processed to date – 3,951,547 gallons
 - Significant items- none
- Disposal
 - Material shipped off site – 10 filter cake ; 2 coarse solids containers
 - Material shipped off site to date – 86 containers
 - Significant items- Additional railcars loaded
- Continued air monitoring.
- Notified by client to increase security effective 0800 3/20 to continuous 24 hour operations.
- Visitors to the site included: Elizabeth Butler, Several news organizations.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held Monday at 0745 at UPF for Saturday, Sunday and weekly.

Monday's Planned Activities

- Commence full scale operations.

Technical Issues: None



Filter Press dropping cake.



Bubble wrap delivered in bulk for sampling.
mining coarse solids container

Tank covers being installed.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T202-03.20.12 <u>Date:</u> 03/20/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler, Mike Hoppe		
Saturday Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 56F / 72F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 6 lift 1 – EM)
 - Estimated Volume today- 433 CY
 - Estimated volume to date- 4679 CY
 - Significant items- shut down operations at 1800.
- Sediment processing
 - Estimated slurry volume – 463,886 gallons
 - Estimated slurry volume to date- 4,019,905 gallons
 - Significant items- Steel debris shut down operations at 2030, shutting system down completely.
- Water treatment
 - Estimated gallons processed – 438,204 gallons
 - Estimated gallons discharged – 394,611 gallons
 - Estimated gallons processed to date – 4,371,330 gallons
 - Significant items- TSS sample taken; readiness call for WTS sampling.* note gallons adjusted to actual meter readings.
- Disposal
 - Material shipped off site – 11 filter cake ; 4 coarse solids containers
 - Material shipped off site to date – 101 containers
 - Significant items- For project to date – weights continue a steady rise. 14 railcars in transit.
- Continued air monitoring.
- Increased security to full time status at UPF.
- Visitors to the site included: Elizabeth Butler, Paul Bluestein.

Project hours of operation 0000 to 2400

Health and Safety:

- Dredge operators complained of a slight odor being present during dredge operations. No complaints on odor from nearby processing barge. Confirmed no exceedance for VOC's both on dredge and near adjacent processing barge with 5 gas meter. Follow up to take place with workers on Friday morning.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Continue full scale operations.
- Conduct first compliance water sampling event.

Technical Issues: None



Sampling for total suspended solids

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T203-03.21.12 <u>Date:</u> 03/21/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra; Jim Christafano Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler, Mike Hoppe		
Saturday Weather: AM- Cloudy, drizzle ; PM- Cloudy		Temperature: Min. 56F / 67F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 6 lift 1 – EM)
 - Estimated Volume today- 421CY
 - Estimated volume to date- 5100 CY
 - Significant items- switch of barges made at 1530.
- Sediment processing
 - Estimated slurry volume – 516,985 gallons
 - Estimated slurry volume to date- 4,536,890 gallons
 - Significant items- Resumed operations at 0900 from steel debris issue.
- Water treatment
 - Estimated gallons processed – 583,936 gallons
 - Estimated gallons discharged – 506,592 gallons
 - Estimated gallons processed to date – 4,955,266 gallons
 - Significant items- Compliance samples taken; Reset weather station for downloading data daily.
- Disposal
 - Material shipped off site – 10 filter cake ; 1 coarse solids container
 - Material shipped off site to date – 112 containers
 - Significant items- For project to date – weights continue a steady rise (22.85T). 17 railcars in transit.
- Continued air monitoring.
- Continue work on modifying barge tarps.
- First day of full time security on site at UPF.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues. ARCADIS agreed in yesterday's operations meeting raw personal air monitoring data to site project management as it becomes available.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Continue full scale operations.

Technical Issues: None



Filter cake



Filling coarse solids container



New actuator valve installed in sludge holding tanks

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T204-03.22.12 <u>Date:</u> 03/22/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O' Rourke Michael Pelenski Zach McCoy Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak; Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Saturday Weather: AM- Cloudy, drizzle ; PM- Cloudy		Temperature: Min. 56F / 79F Max. Wind: 0-15MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 6,5,4 lift 1 – EM)
 - Estimated Volume today- 705CY
 - Estimated volume to date- 6295 CY
 - Significant items- barge switch late.
- Sediment processing
 - Estimated slurry volume – 545,251 gallons
 - Estimated slurry volume to date- 5,082,141 gallons
 - Significant items- 62 % solids for latest batch.
- Water treatment
 - Estimated gallons processed – 562, 174 gallons
 - Estimated gallons discharged – 448,022 gallons
 - Estimated gallons processed to date – 5,517,440 gallons
 - Significant items- Took TSS sample.
- Disposal
 - Material shipped off site – 13 filter cake
 - Material shipped off site to date – 125 containers
 - Significant items- none; to work on coarse solids.
- Continued air monitoring.
- Continue work on modifying barge tarps.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Continue full scale operations.

Technical Issues: None



Tide gage



Cleaning debris barge

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T205-03.23.12 <u>Date:</u> 03/23/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O' Rourke Michael Pelenski Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler, Mike Hoppe		
Saturday Weather: AM- Fog, Cloudy ; PM- Sunny		Temperature: Min. 57F / 77F Max. Wind: 0-20MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 4 lift 1 – EM)
 - Estimated Volume today- 560CY
 - Estimated volume to date- 6855 CY
 - Significant items- fueled SECI equipment.
- Sediment processing
 - Estimated slurry volume – 585,933 gallons
 - Estimated slurry volume to date- 5,668,074 gallons
 - Significant items- back flushed feed line with 10 inch diesel pump.
- Water treatment
 - Estimated gallons processed – 598,358 gallons
 - Estimated gallons discharged – 441,410 gallons
 - Estimated gallons processed to date – 6,115,798 gallons
 - Significant items- shut down of P-300 pump- investigating cause.
- Disposal
 - Material shipped off site – 13 filter cake ; 2 coarse solids container
 - Material shipped off site to date – 140 containers
 - Significant items- completed removal of all outstanding coarse solids containers.
- Continued air monitoring.
- Installed wind socks.
- Visitors to the site included: Star-Ledger news organization.

Project hours of operation 0000 to 2400

Health and Safety:

- No issues. USEPA met privately with personnel working at the OU-1 site to address any concerns they may have. ARCADIS safety personnel will begin monitoring the removal of tarps each morning prior to sediment processing.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Continue full scale operations.

Technical Issues: None



10 inch trash pump ready to back flush to enclosure.



View of enclosure looking west.



Press # 2 dropping filter cake.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T206-03.24.12 <u>Date:</u> 03/24/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Saturday Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 54F / 65F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 4 lift 1 – EM)
 - Estimated Volume today- 440CY
 - Estimated volume to date- 6,698 CY
 - Significant items- winch cable snapped.
- Sediment processing
 - Estimated slurry volume – 728,322 gallons
 - Estimated slurry volume to date- 6,396,396 gallons
 - Significant items- ARCADIS personnel worked on coarse solids conveyor and container moisture issue.
- Water treatment
 - Estimated gallons processed – 787,481 gallons
 - Estimated gallons discharged – 714,465 gallons
 - Estimated gallons processed to date – 6,903,279 gallons
 - Significant items- determined cause of shut down of P-300 pump- cavitations.
- Disposal
 - Material shipped off site – 19 filter cake ; 1 coarse solids container
 - Material shipped off site to date – 160 containers
 - Significant items- none.
- Continued air monitoring.
- Leak repairs along the enclosure.
- Visitors to the site included: None.

Project hours of operation 0000 to 2400

Health and Safety:

- Two separate near loss incidents. First NLI involved a cable that snapped on the winch attached to the spuds. The cable guides installed recently provided adequate protection. The second NLI involved while still being tied off to a walkway support the dredge barge was moved. During repositioning the walkway support tore from the walkway. It was promptly repaired. ARCADIS safety personnel monitored the removal of tarps this morning prior to sediment processing. No readings were observed.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Maintenance activities at UPF for SECI and CHESW.

Technical Issues: None



Weeks performing dredging activities.



Weeks personnel repairing the leak under the weir gate.



View of SECI performing work inside the debris barge.



Stockpiled debris inside barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T207-03.25.12 <u>Date:</u> 03/25/12 <u>Day of Week:</u> <u>[S] M T W T F S</u>
<u>Contractor (# personnel):</u> SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Justin Lis Owner Representatives: None USEPA/USACE Representatives: None		
Saturday Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 54F / 65F Max. Wind: 0-10MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 4 lift 1 – EM)
 - Estimated Volume today- 0 CY
 - Estimated volume to date- 6698 CY
 - Significant items- no work.
- Sediment processing
 - Estimated slurry volume – 1,057 gallons
 - Estimated slurry volume to date- 6,397,453 gallons
 - Significant items- Maintenance; checked incoming slurry line for steel pieces.
- Water treatment
 - Estimated gallons processed – 51,745 gallons
 - Estimated gallons discharged – 33,088 gallons
 - Estimated gallons processed to date – 6,954,754 gallons
 - Significant items- performed general maintenance.
- Disposal
 - Material shipped off site – 4 filter cake ; 0 coarse solids container
 - Material shipped off site to date – 164 containers
 - Significant items- completed operations at 0700; took all containers and tarped same due to potential weather issues.
- Visitors to the site included: None.

Project hours of operation 0000 to 1800

Health and Safety:

- No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Commence scheduled full scale production activities.

Technical Issues: None

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T208-03.26.12 <u>Date:</u> 03/26/12 <u>Day of Week:</u> <u>S [M] T W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI DPK CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Michael Pelenski Tom O'Rourke Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak, Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- Partly cloudy ; PM- Sunny		Temperature: Min. 35F / 56F Max. Wind: 0-45MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 4 lift 1 – EM)
 - Estimated Volume today- 483CY
 - Estimated volume to date- 7,181 CY
 - Significant items- no barge shift due to high winds.
- Sediment processing
 - Estimated slurry volume – 524,117 gallons
 - Estimated slurry volume to date- 6,921,570 gallons
 - Significant items- Finished loading materials from scow at 1300, meaning no more materials were processed for the day.
- Water treatment
 - Estimated gallons processed – 589,911 gallons
 - Estimated gallons discharged – 465,433 gallons
 - Estimated gallons processed to date – 7,544,665 gallons
 - Significant items- no significant downtime; complete operations at 2100.
- Disposal
 - Material shipped off site –9 filter cake ; 0 coarse solids container
 - Material shipped off site to date – 173 containers
 - Significant items- reworked containers during night shift.
- Continued air monitoring.
- DPK performed settlement monitoring for UPF.
- Visitors to the site included: Anne Hayton, Mike Burlingame, Allan Motter, Stephen Kehayes (NJDEP).

Project hours of operation 0000 to 2400

Health and Safety:

- At approximately noon time, Weeks attempted to move barges within the enclosure and it was determined it was unsafe to do so. Winds were in excess of 20 MPH and there was concern for the barges banging into the tiebacks due to the fact winds were coming from the north.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Normal operations.

Technical Issues: None



Material inside a coarse solids container.



Polymer tanks inside clarifier container.



View of SECI control panel for containers.



Material found inside double container pipe.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T209-03.27.12 <u>Date:</u> 03/27/12 <u>Day of Week:</u> <u>S M [T] W T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O'Rourke Michael Pelenski Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak, Vinny Albanese USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Weather: AM- Sunny ; PM- Sunny		Temperature: Min. 30 F / 53F Max. Wind: 0-20MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 4,1 lift 1 – EM)
 - Estimated Volume today- 696 CY
 - Estimated volume to date- 7877 CY
 - Significant items- installed new tarp system on Weeks 71 barge.
- Sediment processing
 - Estimated slurry volume – 637,183 gallons
 - Estimated slurry volume to date- 7,558,753 gallons
 - Significant items- Broken booster line pump and issues with excavator.
- Water treatment
 - Estimated gallons processed – 597,612 gallons
 - Estimated gallons discharged – 521,300 gallons
 - Estimated gallons processed to date – 8,142,277 gallons
 - Significant items- no flow till 0700.
- Disposal
 - Material shipped off site – 13 filter cake ; 4 coarse solids container
 - Material shipped off site to date – 190 containers
 - Significant items- coarse solids containers averaged 23.8 T
- Continued air monitoring.
- Visitors to the site included: Cliff Firstenberg (Tierra).

Project hours of operation 0000 to 2400

Health and Safety:

- No incidents.

Communications: Daily operations meeting held at 0745 at UPF. Held biweekly progress meeting.

Tomorrow's Planned Activities Daily operations meeting held at 0745 at UPF.

Technical Issues: None



Contractor performing work on Sherwin Williams property.



Absorbent material in the bottom of a container.



View of SECI performing work inside the debris barge.



Tarp on full barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T210-03.28.12 <u>Date:</u> 03/28/12 <u>Day of Week:</u> <u>S M T [W] T F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O'Rourke Michael Pelenski Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak, Vinny Albanese, Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Elizabeth Butler		
Weather: AM- cloudy ; PM- overcast; drizzle		Temperature: Min. 40F / 70F Max. Wind: 0-20MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 1 lift 1 – EM)
 - Estimated Volume today- 883 CY
 - Estimated volume to date- 8,760 CY
 - Significant items- fully loaded 2 barges.
- Sediment processing
 - Estimated slurry volume – 750,777 gallons
 - Estimated slurry volume to date- 8,309,530 gallons
 - Significant items- running average for filter cake are now 62 % solids.
- Water treatment
 - Estimated gallons processed – 726,648 gallons
 - Estimated gallons discharged – 626,982 gallons
 - Estimated gallons processed to date – 8,868,925 gallons
 - Significant items- incoming readings averaging 70 NTU for turbidity throughout day.
- Disposal
 - Material shipped off site – 26 filter cake ; 0 coarse solids container
 - Material shipped off site to date – 216 containers
 - Significant items- 23.00T average for day
- Continued air monitoring.
- Leak repairs along the enclosure.
- Visitors to the site included: Sebastian Sanchez, Garcia Tobar, Tomas Zapata, Gustavo DiLuzio, Alina Crincoli (YPF); Paul Bluestein (Tierra); Javier Gonzalez (Maxus).

Project hours of operation 0000 to 2400

Health and Safety:

- No issues. Personnel air monitoring data provided to subcontractors.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities Normal site operations.

Technical Issues: None



Filling container for sampling.



Loading containers with client in background.



View of full barge with 8 foot draft.



Stockpiled material inside a barge.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T211-03.29.12 <u>Date:</u> 03/29/12 <u>Day of Week:</u> <u>S M T W [T] F S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O'Rourke Michael Pelenski Zach McCoy Evonna Crudup Scott Campbell	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak, Vinny Albanese, Nick Mucci USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Weather: AM- Partly cloudy ; PM- Sunny		Temperature: Min. 44F / 62F Max. Wind: 5-25MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Areas 1,8 lift 1 – EM)
 - Estimated Volume today- 514 CY
 - Estimated volume to date- 9,274 CY
 - Significant items- used water elevation for survey level due to proximity of survey check.
- Sediment processing
 - Estimated slurry volume – 642,202 gallons
 - Estimated slurry volume to date- 8,951,732 gallons
 - Significant items- performed general maintenance during barge switching.
- Water treatment
 - Estimated gallons processed – 714,581 gallons
 - Estimated gallons discharged – 640,034 gallons
 - Estimated gallons processed to date – 9,583,506 gallons
 - Significant items- no apparent concerns.
- Disposal
 - Material shipped off site – 21 filter cake ; 1 coarse solids container
 - Material shipped off site to date – 238 containers
 - Significant items- 22.81T average
- Continued air monitoring.
- Visitors to the site included: Phillip Spadaro, Frank Guossensein (ARCADIS).

Project hours of operation 0000 to 2400

Health and Safety:

- No issues.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- Switch barges to west end of enclosure.

Technical Issues: None



SECI loading material into grizzly.



Residual material left inside an empty barge.



View of SECI debris barge.



View of broken tide board and gage.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T212-03.30.12 <u>Date:</u> 03/30/12 <u>Day of Week:</u> <u>S M T W T [F] S</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Jake Suer Adam Green Tony Taylor Craig Burns Tom O'Rourke Michael Pelenski Zach McCoy Evonna Crudup	
ARCADIS Construction Supervisor: None Contractor's Supervisor: Claude Dion; Justin Lis; Bart Hiemstra Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Saturday Weather: AM- Sunny ; PM- Cloudy/Rain		Temperature: Min. 40F / 57F Max. Wind: 0-20MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8 lift 1 – EM)
 - Estimated Volume today- 492 cubic meters
 - Estimated volume to date- 7,582 cubic meters
 - Significant items- Moved SECI barge to west end.
- Sediment processing
 - Estimated slurry volume – 1,124 cubic meters
 - Estimated slurry volume to date- 35,010 cubic meters
 - Significant items- Moved SECI barge to west end of enclosure; coarse conveyor problems.
- Water treatment
 - Estimated cubic meters processed – 1,432 cubic meters
 - Estimated cubic meters discharged – 1,088 cubic meters
 - Estimated cubic meters processed to date – 37,706 cubic meters
 - Significant items- backwashed all process vessels.
- Disposal
 - Material shipped off site – 6 filter cake ; 4 coarse solids containers
 - Material shipped off site to date – 248 containers
 - Significant items- ARCADIS handled multiple coarse solids boxes with water.
- Continued air monitoring.
- First Metric Friday reporting event.
- Performed generator servicing for all generators on site.
- Camera work on discharge line; minimal blockage found.
- Backwashing of carbon during barge moving downtime.
- Visitors to the site included: Tom Gallagher, Rob Morris (Morris).

Project hours of operation 0000 to 2400

Health and Safety:

- A stop work was performed due to coarse solids discharge conveyor problems. Apparently the conveyor overloaded with sediments. SECI needed to remove cover panels from the conveyor and remove bulk solids by hand from the conveyor and adjoining pad area. Further investigation as to the cause is ongoing.

Communications: Daily operations meeting held at 0745 at UPF.

Tomorrow's Planned Activities

- None scheduled- all work performed during downtime during barge transitions.

Technical Issues: None



Empty container located at coarse solids conveyor.



Debris barge materials stacked for drying purposes.



View of SECI barge in new location along northeast wall.



Weeks dredging section 8 of enclosure.

DAILY CONSTRUCTION ACTIVITIES REPORT

<u>Project:</u> <u>LOWER PASSAIC RIVER PHASE I CERCLA NON-TIME CRITICAL REMOVAL ACTION-SEDIMENT PROCESSING</u>		<u>File No.</u> T213-03.31.12 <u>Date:</u> 03/31/12 <u>Day of Week:</u> <u>S M T W T F [S]</u>
<u>Contractor (# personnel):</u> Weeks SECI CHESW CHESD Hometown Security	<u>ARCADIS Personnel</u> William Jennings Tony Taylor Craig Burns Michael Pelenski Evonna Crudup Tom O'Rourke Zach McCoy	
ARCADIS Construction Supervisor: Coleman King Contractor's Supervisor: Claude Dion; Justin Lis Owner Representatives: Jack Rodak USEPA/USACE Representatives: Matt Creamer, Ken Maley, Mike Hoppe		
Weather: AM- Rain/Drizzle ; PM- Mostly Cloudy		Temperature: Min. 40F / 45F Max. Wind: 0-15MPH

Contractor's Activities, Visitors, Remarks:

- Dredging (Area 8 lift 1 – EM)
 - Estimated Volume today- 731CY
 - Estimated volume to date- 10,648 CY
 - Significant items- shut down for day at 1500 due to motor malfunction.
- Sediment processing
 - Estimated slurry volume – 614,992 gallons
 - Estimated slurry volume to date- 9,863,654 gallons
 - Significant items- completed processing at 2300.
- Water treatment
 - Estimated gallons processed – 682,033 gallons
 - Estimated gallons discharged – 568,972 gallons
 - Estimated gallons processed to date – 10,728,335 gallons
 - Significant items- performed general cleaning and maintenance operations during day.hig turbidity readings occurring, to resolve.
- Disposal
 - Material shipped off site – 20 filter cake ; 0 coarse solids container
 - Material shipped off site to date – 268 containers
 - Significant items- none
- Continued air monitoring.
- Visitors to the site included: Rutgers graduate students.

Project hours of operation 0000 to 2400

Health and Safety:

- No incidents. Assemble weekly

Communications: Daily operations meeting held at 0745 Monday at UPF.

Tomorrow's Planned Activities

- Shutdown operations at 0700.

Technical Issues: None