

## Daily Progress Report #001

Day: 09/16/2013 – Monday

### Project Work Performed:

- ARCADIS held the Morning safety kickoff meeting and reviewed JSA's, HASP, CAMP, SWPP and stockpile management
- RECON received equipment
- Site walk and, Hazard hunt
- Dirtied site walk JSA

### Work Projected Next Day (09/17/13):

- Continue receiving equipment
- Vegetation removal for staging areas
- Survey excavation limits including inner deep excavation and, wetlands
- Backfill low spot along North end near excavation
- Possibility of neighbors/AECOM moving obstructions inside of property
- Set up and run CAMP (1 upwind and, 2 downwind)

### Visitors:

- None

### Materials / Equipment Received:

- Forklift, Silo and, Generator

### Contractors, Crew Size:

- RECON : 6

### Stop Works:

- Delivery truck backing down road without spotter

## Chevron Facility # 6518040



Forklift delivered



Silo delivered awaiting set up



Generator for Slurry Plant

## Daily Progress Report #002

Date: 09/17/2013 – Tuesday

Project No. B0047517.0010.00002

### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- RECON received equipment and materials
- CAMP stations set up and data logging
- Dirtied Air monitoring JSA
- Rough grading and vegetation removal for staging areas
- Survey Wet land and excavation limits
- Stoney Creek removed obstructions from Southern most gate

### Work Projected Next Day (09/18/13):

- Continue receiving equipment/ materials
- Finalize grading for staging areas
- Move well cuttings to impacted soils staging area
- Move materials and equipment to respective staging area

### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager
- David Kingsley-PM

### Visitors:

- Salvatore Vivonetto (Ground Level Construction Services Inc.- AECOM contractor)

### Materials / Equipment Received:

- John Deere 644J loader, 40' Field trailer (connex), Komatsu 37px Dozer, Vermeer Ditch Witch.
- 15x300 4.57m thick filter fabric (for construction entrance)

### Contractors, Crew Size:

- RECON : 6 (PM, Superintendent, HSSO, 3 operators)

### Health and Safety/Community Air Monitoring:

- Surveyor arrived on site without puncture resistant soles. Arcadis provided insoles for surveyor. CAMP set up, recording data and, Ienvironet system functional.

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040



Field Office delivered



Survey station



CAMP upwind station

**Daily Progress Report #003**

**Date:** 09/18/2013 – Wednesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- RECON collected and, staged cuttings (wrapped in poly) awaiting disposal
- CAMP stations set up and data logging
- Rough grading for impacted material storage completed
- Stoney Creek removed remaining obstructions from property
- 

**Work Projected Next Day (09/19/13):**

- Continue receiving equipment/ materials
- Begin set up of slurry plant
- Delineate support zone and wet lands
- Photo document existing conditions of Wet lands

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager
- David Kingsley-PM

**Visitors:**

- None

**Materials / Equipment Received:**

- None

**Contractors, Crew Size:**

- RECON : 6 (PM, Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and alarm alerts programmed.
- TIP performed (Driving)

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Drilling spoils and Air Monitor**



**Impacted material storage rough grading**



**Boats and trailers (obstructions) moved by Stoney Creek**

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040

#### Daily Progress Report #006

Date: 09/23/2013 – Monday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- Site walk to identify SWPP update with Chevron, Recon and, Arcadis
- CAMP stations set up and data logging
- Recon received materials for soil staging area
- Silt fence installation begins

#### Work Projected Next Day (09/24/13):

- Continue receiving equipment and supplies
- Continue set up of slurry plant
- Finalize site map to depict updated SWPP and layout plan
- Continue CAMP implementation

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

#### Visitors:

- Judson Polikoff (Chevron)

#### Materials / Equipment Received:

- 40 Mil HDPE liner (for impacted soil staging)

#### Contractors, Crew Size:

- RECON : 6 (PM, Superintendent, HSSO, 3 operators)

#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- SWA utilized as trencher was tracking into wetlands to reposition
- Saw cut patch identified that may contain underground piping



Setting up slurry plant



Installing silt fence along northern edge



Saw cut patch along haul route

**Daily Progress Report #006**

**Date:** 09/24/2013 – Tuesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- Slurry plant pumps and piping connected
- CAMP stations set up and data logging
- Silt fence installation continues (approx. 200' have been installed)

**Work Projected Next Day (09/25/13):**

- Continue receiving supplies
- Finalize set up of slurry plant
- Continue SWPP installation
- Continue CAMP implementation

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager/Admiral of Air Quality

**Visitors:**

- Judson Polikoff (Chevron)

**Materials / Equipment Received:**

- None

**Contractors, Crew Size:**

- RECON : 6 (PM, Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Connecting pumps to slurry plant**



**Setting up generator for connection to field trailer**

**rough grading**



**Updating the site SWPP map**

**Daily Progress Report #008**

**Date:** 09/25/2013 – Wednesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Silt fence installation continues (approx. 700' have been installed)
- Slurry Plant set up continues

**Work Projected Next Day (09/26/13):**

- Continue receiving supplies
- Finalize set up of slurry plant
- Continue SWPP installation
- Continue CAMP implementation

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager
- Greg Mason-Safety Specialist

**Visitors:**

- Judson Polikoff (Chevron)

**Materials / Equipment Received:**

- Portland Cement type 2

**Contractors, Crew Size:**

- RECON : 6 (PM, Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- 2" schedule 80 PVC pipe encountered during trenching activities (elec. Conduit, no wiring).

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Portland Cement delivered**



**Silt fence trench**



**2" PVC pipe found**

**Daily Progress Report #009**

**Date:** 09/26/2013 – Thursday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Silt fence installation continues (approx. 1250' have been installed ~250' remains)
- Slurry Plant set up continues

**Work Projected Next Day (09/27/13):**

- Continue receiving supplies
- Finalize set up of slurry plant
- Finalize SWPP installation
- Continue CAMP implementation
- Explore 2" metal pipe (hand dig) inside excavation zone
- Obtain supplies for waste/slurry sampling

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager
- Greg Mason-Safety Specialist

**Visitors:**

- Judson Polikoff (Chevron) am
- Philip Suah (Chevron) pm

**Materials / Equipment Received:**

- None

**Contractors, Crew Size:**

- RECON : 5 (Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- Impacted soils encountered

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Impacted soil encountered**



**Silt fence installed**



**Excavator trenching through asphalt**

### Daily Progress Report #010

Date: 09/27/2013 – Friday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Silt fence installation completed
- Slurry Plant set up continues
- Hand dig around unknown 2" pipe
- Cover and, mark out impacted soils encountered during silt fence installation
- Place high visibility markers around ECM/border fence
- Obtained supplies for sampling efforts

#### Work Projected Next Day (09/30/13):

- Continue receiving supplies
- Finalize set up of slurry plant
- Continue CAMP implementation
- Continue exploring 2" metal pipe (hand dig) inside excavation zone

#### Work Projected Next Week (09/30/13-10/06/13):

- Monday: build soil containment area, continue hand digging around 2" pipe, delivery of slurry plant consumables
- Tuesday: Import stone for soil containment area, build berms with 2' overburden soils in excavation
- Wednesday: Receive and, place K-rails, place fabric, Import construction entrance rock
- Thursday: Install liner and, rock for soil containment area
- Friday: Possible start date for soil excavation

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

#### Visitors:

- Philip Suah (Chevron)

#### Materials / Equipment Received:

- None

#### Contractors, Crew Size:

- RECON : 5 (Superintendent, HSSO, 3 operators)

#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- 3" pipe found along the west border of the soil containment area
- Metal storm drain cover located during silt fence trenching



Hand digging to expose 2" pipe



Silt fence completion



3" pipe found during along western edge of soil containment area

**Daily Progress Report #011**

**Date:** 09/30/2013 – Monday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Hand dig around unknown 2" pipe continues

**Work Projected Next Day (10/01/13):**

- Continue receiving supplies
- Finalize set up of slurry plant
- Continue CAMP implementation
- Remove 2" metal pipe in excavation
- Rough grading of soil containment area

**Work Projected Next Week (09/30/13-10/06/13):**

- Monday: build soil containment area, continue hand digging around 2" pipe, delivery of slurry plant consumables
- Tuesday: Import stone for soil containment area, build berms with 2' overburden soils in excavation
- Wednesday: Receive and, place K-rails, place fabric, Import construction entrance rock
- Thursday: Install liner and, rock for soil containment area
- Friday: Possible start date for soil excavation

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

**Visitors:**

- none

**Materials / Equipment Received:**

- 69-43A Rough-Terrain Forklift delivered
- Sacks of bentonite for slurry

**Contractors, Crew Size:**

- RECON : 5 (Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- Alert notification for Air Monitoring stemming from dirt screening performed by adjacent landscaping company/mulching of logs by scrapyard

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Rough Grading**



**Offsite Dust Generation (Dirt Screening)**



**69-43A Rough-Terrain Forklift**

**Daily Progress Report #012**

**Date:** 10/01/2013 – Friday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Unknown 2'' pipe removed and wrapped in poly
- Rough grading continues in the Soil Containment Area

**Work Projected Next Day (10/02/13):**

- Continue receiving supplies
- Finalize set up of slurry plant
- Continue CAMP implementation
- Rough grade continues with 1% fall, sloping for drainage

**Work Projected Next Week (09/30/13-10/06/13):**

- Monday: build soil containment area, continue hand digging around 2'' pipe, delivery of slurry plant consumables
- Tuesday: Import stone for soil containment area, build berms with 2' overburden soils in excavation
- Wednesday: Receive and, place K-rails, place fabric, Import construction entrance rock
- Thursday: Install liner and, rock for soil containment area
- Friday: Possible start date for soil excavation

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

**Visitors:**

- None

**Materials / Equipment Received or Picked up:**

- 500g, 1993 tank
- 24 bentonite supersacks
- 500g of 1993 for tank
- High lift forklift and trencher are taken off site

**Contractors, Crew Size:**

- RECON : 5 (Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- Stop Work utilized as contractor was attempting to pull 2'' unknown pipe out of the ground without exposing the entire pipe (hand dig to ensure no other connections are present)
- Neighboring dust continues to impact the site

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**2'' pipe uncovered and ready to relocate/wrap**



**Bentonite delivered (48 total supersacks are on site)**



**Dust generated from Neighbor (SW corner)**

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### **Daily Progress Report #013**

**Date:** 10/02/2013 – Wednesday

Project No. B0047517.0010.00002

#### **Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Rough grading continues in the Soil Containment Area

#### **Work Projected Next Day (10/03/13):**

- Continue receiving supplies
- Finalize set up of slurry plant
- Continue CAMP implementation
- Rock delivery for SCA

#### **Work Projected Next Week (09/30/13-10/06/13):**

- Monday: build soil containment area, continue hand digging around 2" pipe, delivery of slurry plant consumables
- Tuesday: Import stone for soil containment area, build berms with 2' overburden soils in excavation
- Wednesday: Receive and, place K-rails, place fabric, Import construction entrance rock
- Thursday: Install liner and, rock for soil containment area
- Friday: Possible start date for soil excavation

#### **Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

#### **Visitors:**

- None

#### **Materials / Equipment Received or Picked up:**

- 16oz non-woven fabric

#### **Contractors, Crew Size:**

- RECON : 5 (Superintendent, HSSO, 3 operators)

#### **Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- Stop Work utilized as CAMP provided early warning detection (no exceedances noted)
- Neighboring dust continues to impact the site



**16oz non-woven fabric delivered**



**Rough Grading 1% fall for SCA**



**Smooth drum roller compacting SCA sub-grade**

**Daily Progress Report #014**

**Date: 10/03/2013 – Thursday**

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Rough grading continues with  $\frac{3}{4}$ " rock in the Soil Containment Area

**Work Projected Next Day (10/04/13):**

- Continue receiving supplies (Bentonite, Frac tanks, rock)
- Finalize set up of slurry plant
- Continue CAMP implementation
- Rock delivery for SCA
- Weld 2 110'x100' liners together to make singular piece for SCA

**Work Projected Next Week (10/07/13-10/12/13):**

- Monday: Site visit with Mark S. (CEMC). Prepare Slurry Plant for start up and testing. Finalize SCA with delivery and placement of  $\frac{3}{4}$ " AB with fines. Receive K-rails and place around SCA.
- Tuesday: Possible start of excavation and slurry backfill (Cells TBD).
- Wednesday: Excavation and Slurry backfill (Cells TBD)
- Thursday: Excavation and Slurry backfill (Cells TBD)
- Friday: Excavation and Slurry backfill (Cells TBD)

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

**Visitors:**

- Steven Wright (AECOM)

**Materials / Equipment Received or Picked up:**

- 10 end dumps of  $\frac{3}{4}$ " washed stone (200cy)
- Rain for rent backflow prevention system (fire hydrant hook up)

**Contractors, Crew Size:**

- RECON : 7 (2 PM's, Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- Stop Work utilized as neighboring wood chipping has created flying debris near the Slurry Plant.
- Neighboring dust continues to impact the site



**$\frac{3}{4}$ " washed rock delivered**



**Grading SCA with  $\frac{3}{4}$ " rock**



**Wood debris found near the Slurry Plant**

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### Daily Progress Report #015

Date: 10/04/2013 – Friday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Rough grading continues with ¾" rock in the Soil Containment Area
- Geotextile and LLDPE installation begins

#### Work Projected Next Day (10/05/13):

- General site clean up and signage placement

#### Work Projected Next Week (10/07/13-10/12/13):

- Monday: Receive K rails, Slag cement, temp. fence and, hoses to connect to fire hydrant. Finalize geotextile and liner placement.
- Tuesday: Field checks of electrical connections for slurry plant.
- Wednesday: Excavation and Slurry backfill (Cells TBD)
- Thursday: Excavation and Slurry backfill (Cells TBD)
- Friday: Excavation and Slurry backfill (Cells TBD)

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

#### Visitors:

- Steven Wright (AECOM)
- East coast liner (2 person crew)

#### Materials / Equipment Received or Picked up:

- 3 end dumps of ¾" washed stone (60cy)
- 2 end dumps of 1 ½" washed stone for entry/exit (40cy)
- Double wall frac tank

#### Contractors, Crew Size:

- RECON : 6 (1 PM, Superintendent, HSSO, 3 operators)

#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- Stop Work utilized as liner crew member did not have safety glasses. Arcadis provided a pair of Z87.1 glasses.
- Neighboring dust continues to impact the site



**LLDPE wedge welder finalizing liner connection**



**Geotextile installation**



**SCA prepared for possible rain event**

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### Daily Progress Report #016

Date: 10/07/2013 – Monday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Receive K-rails and temp. fence

#### Work Projected Next Day (10/08/13):

- Finalize geotextile and LLDPE install
- Place K-rails
- Continue with the slurry plant set up

#### Work Projected Next Week (10/07/13-10/12/13):

- Monday: Receive K rails, Slag cement, temp. fence and, hoses to connect to fire hydrant. Finalize geotextile and liner placement.
- Tuesday: Field checks of electrical connections for slurry plant.
- Wednesday: Excavation and Slurry backfill (Cells TBD)
- Thursday: Excavation and Slurry backfill (Cells TBD)
- Friday: Excavation and Slurry backfill (Cells TBD)

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

#### Visitors:

- Mark S. (CEMC)

#### Materials / Equipment Received or Picked up:

- Temp. fence for exclusion zone
- 30-20' K-rails

#### Contractors, Crew Size:

- RECON : 6 (1 PM, Superintendent, HSSO, 3 operators)

#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- Stop Works: Dust generation and high winds created excess amounts of dust (RECON procured required media to connect to fire hydrant and fill 2000g water truck)
- Neighboring dust continues to impact the site



Safety equipment and signage placed



Offloading K-rails



Temp fence delivered

**Daily Progress Report #017**

**Date:** 10/08/2013 – Tuesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Place K-rails
- Place liner and geotextile

**Work Projected Next Day (10/09/13):**

- Finalize geotextile and LLDPE install
- Place K-rails
- Continue with the slurry plant set up
- Receive ¾" rock with fines for placement on liner (6" compacted layer)

**Work Projected Next Week (10/07/13-10/12/13):**

- Monday: Receive K rails, Slag cement, temp. fence and, hoses to connect to fire hydrant. Finalize geotextile and liner placement.
- Tuesday: Field checks of electrical connections for slurry plant.
- Wednesday: Continue with SCA build
- Thursday: Continue with SCA build
- Friday: Continue with SCA build?

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

**Visitors:**

- Mark S. (CEMC)

**Materials / Equipment Received or Picked up:**

- Open top Frac tank

**Contractors, Crew Size:**

- RECON : 6 (1 PM, Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- Stop Works: Nylon strap was being utilized to lift K-rails and had a worn edge along the choke ring. The strap was taken out of service.

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Placing geotextile and LLDPE liner**



**Anchoring liner with supersacks**

**Daily Progress Report #018**

**Date:** 10/09/2013 – Wednesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Place final K-rails
- Continue with SCA build (geotextile and liner)
- Place rock on geotextile (6" of ¾" AB)

**Work Projected Next Day (10/10/13):**

- Finalize geotextile placement
- Continue placing ¾" AB
- Continue with the slurry plant set up

**Work Projected Next Week (10/07/13-10/12/13):**

- Monday: Receive K rails, Slag cement, temp. fence and, hoses to connect to fire hydrant. Finalize geotextile and liner placement.
- Tuesday: Field checks of electrical connections for slurry plant.
- Wednesday: Continue with SCA build
- Thursday: Continue with SCA build
- Friday: Continue with SCA build?

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

**Visitors:**

- Kevin M. (CEMC)

**Materials / Equipment Received or Picked up:**

- 9 end dump loads of ¾" AB with fines

**Contractors, Crew Size:**

- RECON : 5 (Superintendent, HSSO, 3 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging
- Stop Works: truck did not have wheels chocked
- Neighboring dust continues to impact the site

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Placing 16oz geotextile on top of 40 Mil LLDPE liner**



**Preparing double wall frac tank connections**



**Placing the ¾" AB on top of geotextile**

**Daily Progress Report #019**

**Date:** 10/10/2013 – Thursday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant set up continues
- Continue with SCA build
- Place rock on geotextile (6" of ¾" AB)

**Work Projected Next Day (10/11/13):**

- Finalize placing ¾" AB
- Continue with the slurry plant set up

**Work Projected Next Week (10/14/13-10/18/13):**

- Monday: ?
- Tuesday: ?
- Wednesday: ?
- Thursday: First excavation day?
- Friday: Continue excavation?

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

**Visitors:**

- None

**Materials / Equipment Received or Picked up:**

- 9 end dump loads of ¾" AB with fines

**Contractors, Crew Size:**

- RECON : 4 (Superintendent, HSSO, 2 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Placing ¾" AB on top of the geotextile**



**Compacting the ¾" AB on top of the geotextile**



**Rough grading the ¾" AB on top of the geotextile**

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040

#### Daily Progress Report #24

Date: 10/17/2013 – Thursday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant batching
- Begin soil excavation in cell #1 (51.85cy removed)
- Cut down well casings MW-25VD and MW-25 in excavation area
- Collect CB conformance samples

#### Work Projected Next Day (10/18/13):

- Continue with soil excavation and CB backfill in cell #1

#### Work Projected Next Week (10/21/13-10/25/13):

- Monday: Excavate cell #2, place liner, geotextile and begin placing soils in SCA.
- Tuesday: Excavate cells #3, 4, and 5
- Wednesday: Excavate cells #6, 7, 8 and 9
- Thursday: Excavate cells #10, 11, 12, and 13
- Friday: Excavate cells #14, 15, 16 and 17

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field Waste Manager

#### Visitors:

- Judson Polikoff (CEMC)

#### Materials / Equipment Received or Picked up:

- Waste sampling media received
- 4 rolls of 16oz geotextile fabric

#### Contractors, Crew Size:

- RECON : 7 (Superintendent, 2 HSSO, 4 operators)

#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- Stop work to have RECON monitor air inside of well casing before cutting with chop saw
- Slurry creates splashing hazard during excavation/CB fill process (increased distance for spotter)



RECON removing well casing hazard



Upper 2' of soils removed from North end of Cell #1



Meadow mat removed from north end of cell #1

**Daily Progress Report #25**

**Date: 10/18/2013 – Friday**

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Slurry Plant batching
- Complete soil excavation in cell #1 (130.88cy removed)
- Collect CB conformance samples

**Work Projected Next Day (10/21/13):**

- Continue with soil excavation and CB backfill in cell #2
- Install 40mil liner in SCA
- Install 8oz geotextile on top of 40mil liner
- Begin moving soils to SCA

**Work Projected Next Week (10/21/13-10/25/13):**

- Monday: Excavate cell #2, place liner, geotextile and begin placing soils in SCA.
- Tuesday: Excavate cells #3, 4, and 5
- Wednesday: Excavate cells #6, 7, 8 and 9
- Thursday: Excavate cells #10, 11, 12, and 13
- Friday: Excavate cells #14, 15, 16 and 17

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor

**Visitors:**

- Judson Polikoff (CEMC)
- Jim Christopher (AECOM)

**Materials / Equipment Received or Picked up:**

- Slag cement delivered to silo

**Contractors, Crew Size:**

- RECON : 7 (Superintendent, 2 HSSO, 4 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitors functioning correctly and, data logging



**Excavating deep portion of Cell #1**



**Excavation layout looking south (Cell #1 south in progress)**



**Cell completion chart**

## Daily Progress Report #26

Date: 10/21/2013 – Monday

Project No. B0047517.0010.00002

### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Begin 40mil liner and 8oz geotextile deployment
- Begin moving soils to SCA via front end loader

### Work Projected Next Day (10/22/13):

- Begin soil excavation and CB backfill in cell #2
- Continue moving soils with Front end loader

### Work Projected Next Week (10/28/13-11/01/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

### Visitors:

- Judson Polikoff (CEMC)
- Loren Kaehn (CEMC)
- Jim Christopher (AECOM)
- Chris McGee (RECON)

### Materials / Equipment Received or Picked up:

- 40mil Liner

### Contractors, Crew Size:

- RECON : 8 (Superintendent, PM, Engineer, 1 HSSO, 4 operators)

### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- Stop Work Authority utilized as the loader was spilling materials onto the non-lined SCA fill material.
- Stop Work Authority utilized as workers entering the exclusion zone did not have proper boots/cross contamination issues.

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040



Loader moving materials to SCA



Excavator stockpiling materials in the SCA



Cell completion chart

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040

#### Daily Progress Report #27

Date: 10/22/2013 – Tuesday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Complete first stock pile in SCA
- Engage field teams with stockpile procedures
- Completed IDW drum sampling

#### Work Projected Next Day (10/23/13):

- Begin soil excavation and CB backfill in cell #2
- Continue moving soils with Front end loader

#### Work Projected Next Week (10/28/13-11/01/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### Visitors:

- Judson Polikoff (CEMC)
- Loren Kaehn (CEMC)
- Jim Christopher (AECOM)
- Chris McGee (RECON)
- Paul Bracken (Arcadis)

#### Materials / Equipment Received or Picked up:

- None

#### Contractors, Crew Size:

- RECON : 8 (Superintendent, PM, Engineer, 1 HSSO, 4 operators)

#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- Stop Work Authority utilized as the loader was spilling materials onto the non-lined SCA fill material.



Excavator building stockpile #1 in SCA



Stockpile #1 covered and sign placed



Cell completion chart

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### Daily Progress Report #28

**Date:** 10/24/2013 – Wednesday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Excavate Cells 2, 3 and, deep zone of cell 4 (184cy removed)
- Stockpiled material to dewater inside of excavation zone
- Collected conformance samples of CB mix
- Videos taken of mixing process
- Waste characterization samples, IDW samples and, first sets (10/17+10/18) of CB cylinders shipped to respective laboratories

#### Work Projected Next Day (10/25/13):

- Excavate remaining section of cell 4
- Continue moving soils with Front end loader

#### Work Projected Next Week (10/28/13-11/01/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### Visitors:

- Loren Kaehn (CEMC)
- Chris McGee (RECON)

#### Materials / Equipment Received or Picked up:

- None

#### Contractors, Crew Size:

- RECON : 8 (Superintendent, PM, Engineer, 1 HSSO, 4 operators)

#### Health and Safety/Community Air Monitoring:

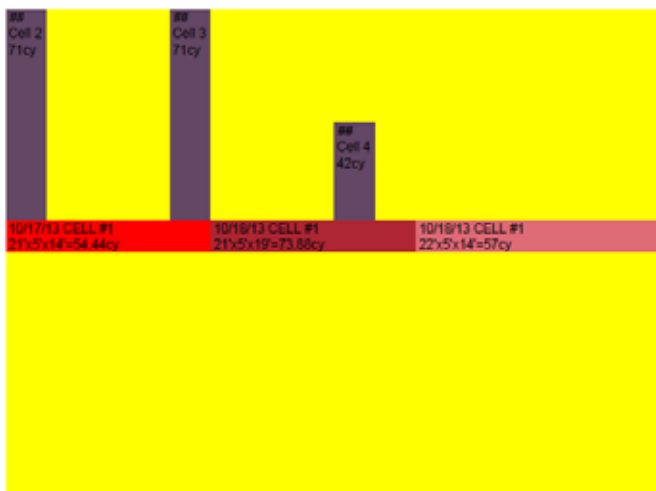
- Air monitors functioning correctly and, data logging
- Stop Work Authority utilized as field personnel were entering the excavation zone without proper PPE.



Completed cells



Soil Containment Area current status



Cell completion chart

## Daily Progress Report #30

Date: 10/25/2013 – Friday

Project No. B0047517.0010.00002

### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Filled sand bags

### Work Projected Next Day (10/28/13):

- Receive and, begin implementation of improved soil transport via articulating dump truck.

### Work Projected Next Week (10/28/13-11/01/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

### Visitors:

- None

### Materials / Equipment Received or Picked up:

- Received 12 4'x16' crane mats

### Contractors, Crew Size:

- RECON : 6 (Superintendent, 1 HSSO, 4 operators)

### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- Stop Work as offloaded crane mats were almost placed onto the SCA without cribbing.

## Interim Remedial Measure of the former VRU area Oceanside, NY

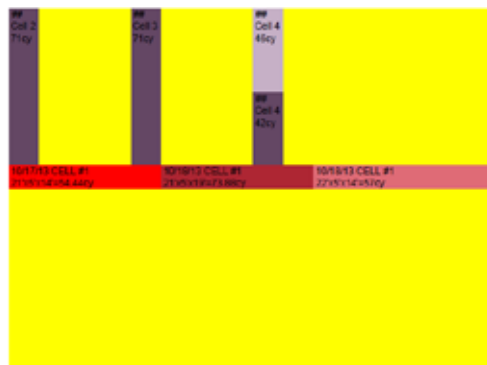
### Chevron Facility # 6518040



Received 12 4'x16' crane mats



Soil Containment Area covered



Cell completion chart

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### Daily Progress Report #31

**Date:** 10/28/2013 – Monday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Began implementation of improved soil transport via articulating truck.

#### Work Projected Next Day (10/29/13):

- Continue with soil transportation to SCA
- Continue with cell excavation and CB slurry fill (cell #5)

#### Work Projected Next Week (10/28/13-11/01/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### Visitors:

- David Kingsley (Arcadis)

#### Materials / Equipment Received or Picked up:

- John Deere 300D articulating dump truck
- Slag cement



New articulating truck assisting with soil transportation to CSA



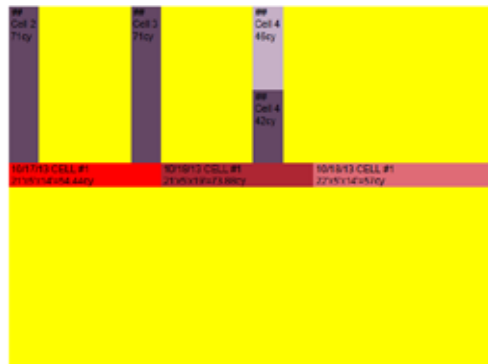
Crane mat road for the articulating dump truck

#### Contractors, Crew Size:

- RECON : 6 (Superintendent, 1 HSSO, 4 operators)

#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging



Cell completion chart (estimated 19% complete with removal)

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### Daily Progress Report #32

**Date:** 10/29/2013 – Tuesday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Continued implementation of improved soil transport via articulating truck.

#### Work Projected Next Day (10/30/13):

- Continue with soil transportation to SCA
- Continue with cell excavation and CB slurry fill (cell #5)
- Begin direct load out of soils
- Construct dewatering extension of excavation area



#### Work Projected Next Week (10/28/13-11/01/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### Visitors:

- David Kingsley (Arcadis)
- Joe Molina (Arcadis)
- Clarence Evans (Rain for Rent)
- Nick Rapagnani (Rain for Rent)
- Phillip Capibianco (Operating engineers union rep)

#### Materials / Equipment Received or Picked up:

- None

#### Contractors, Crew Size:

- RECON : 6 (Superintendent, 1 HSSO, 4 operators)

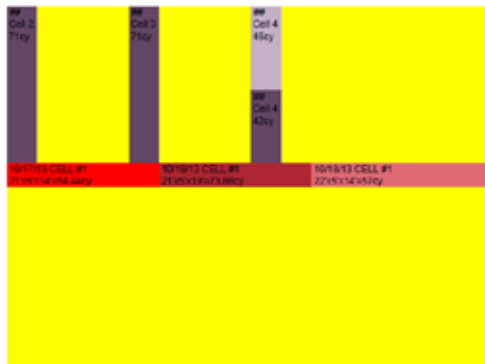
#### Health and Safety/Community Air Monitoring:

- Air monitors functioning correctly and, data logging
- Stop Work to discuss stock pile procedure with RECON team members

Continued implementation of improved soil transportation



Finalizing stock pile #3 build



Cell completion chart (estimated 19% complete with removal)

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040

#### Daily Progress Report #33

Date: 10/30/2013 – Wednesday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Continued implementation of improved soil transport via articulating truck.
- Excavated and slurry backfilled cell #5 (71cy)

#### Work Projected Next Day (10/31/13):

- Continue with soil transportation to SCA
- Continue with cell excavation and CB slurry fill (cell #6)
- Begin direct load out of soils
- Construct dewatering extension of excavation area

#### Work Projected Next Week (10/28/13-11/01/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### Visitors:

- David Kingsley (Arcadis)
- Judson Polikoff (CEMC)

#### Materials / Equipment Received or Picked up:

- 80t of base rock with fines

#### Contractors, Crew Size:

- RECON : 6 (Superintendent, 1 HSSO, 5 operators)

#### Health and Safety/Community Air Monitoring:

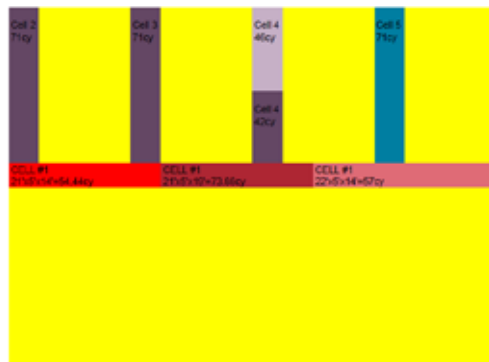
- Air monitors functioning correctly and, data logging
- Stop Work to address possible spotter issue with dump truck, personnel entering the excavation zone without proper boots/boot covers.



Prepared cooler with delineation tape



Excavation and CB slurry backfill of cell #5



Cell completion chart (estimated 22.4% complete with removal)

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040

#### Daily Progress Report #34

Date: 10/31/2013 – Thursday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Continued implementation of improved soil transport via articulating truck.
- Excavated and slurry backfilled cell #9 (28'x6.5'x14') and part of cell #8 (16'x5'x14') total (136cy)
- Removed and CB slurry backfilled MW-24-VD casing
- Prepared site in advance of rain/high winds

#### Work Projected Next Day (11/01/13):

- Manage site during winter storm

#### Work Projected Next Week (11/04/13-11/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### Visitors:

- Jim Christopher (AECOM)

#### Materials / Equipment Received or Picked up:

- None

#### Contractors, Crew Size:

- RECON : 6 (Superintendent, 1 HSSO, 5 operators)

#### Health and Safety/Community Air Monitoring:

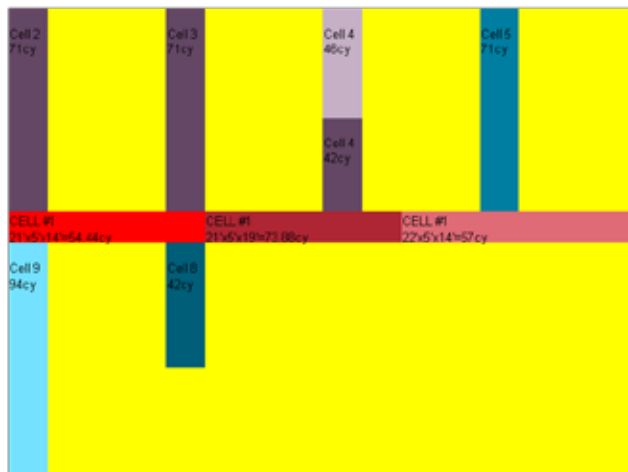
- Air monitors functioning correctly and, data logging
- Stop Work to address high winds during tarp deployment over excavation area



Completed cell excavation of cell #9 and part of cell #8



Preparing SCA for high winds and expected rain event



Cell completion chart (estimated 29% complete with removal)

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### Daily Progress Report #39

**Date:** 11/06/2013 – Wednesday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Begin implementation of direct loading soil via articulating truck.
- Excavated and slurry backfilled cells #5 (5'x5'x14') and super cell #10/18/26 (28'x13.5'x14') total (209cy)
- Mixed Portland Cement type II to absorb and, solidify wet materials that were previously excavated from cell #6

#### Work Projected Next Day (11/07/13):

- Excavate super cell (25/17/31)

#### Work Projected Next Week (11/04/13-11/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### Visitors:

- Matt Murphy (AECOM)

#### Materials / Equipment Received or Picked up:

- 2 loads of slag cement

#### Contractors, Crew Size:

- RECON : 8 (PM, Superintendent, 1 HSSO, 5 operators)

#### Health and Safety/Community Air Monitoring:

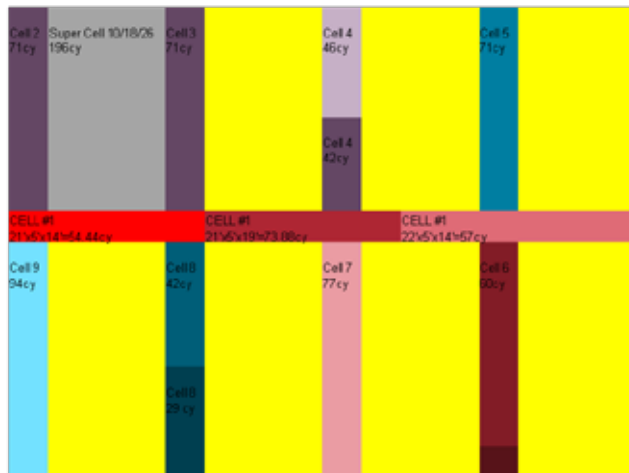
- Air monitors functioning correctly and, data logging



Completed excavation of super cell (10/18/26)



Super cell curing and current excavation status



Cell completion chart (estimated 46.5% complete with removal)

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### Daily Progress Report #40

**Date:** 11/07/2013 – Thursday

Project No. B0047517.0010.00002

#### Project Work Performed:

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Excavated and slurry backfilled super cell #25/17/31 (28' x 11.5' x 14') total (167cy)
- Staged excavated spoils within excavation dewatering pad
- Collect conformance and waste samples

#### Work Projected Next Day (11/08/13):

- Receive and deploy LDPE liner within SCA to allow for soil stockpiling.
- Excavate and direct load out soils from super cell #12/28/20

#### Work Projected Next Week (11/10/13-11/15/13):

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

#### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager
- Bill McCune-Project Manager

#### Visitors:

- Matt Murphy (RECON)
- Henry Wilke (NYSDEC)
- Luis Laglos (Developer)

#### Materials / Equipment Received or Picked up:

- 2 end dump loads of ¾" rock with fines (SCA soil delineation material)
- 1 load of slag cement via pneumatic truck

#### Contractors, Crew Size:

- RECON : 8 (PM, Superintendent, 1 HSSO, 5 operators)

#### Health and Safety/Community Air Monitoring:

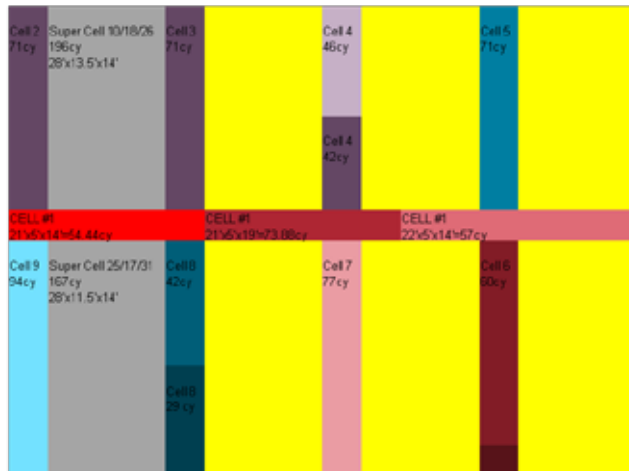
- Air monitors functioning correctly and, data logging



Completed excavation of super cell (25/17/31)



Super cell curing and current excavation status



Cell completion chart (estimated 54% complete with removal)

**Daily Progress Report #41**

**Date:** 11/08/2013 – Friday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Excavated and slurry backfilled super cells #12/28/20 (28' x12' x14' +10' x12' x5') total (196cy) and #23/15/29 (28' x12' x14' +5' x12' x5') total (185cy). Total daily removal ext. 381cy.
- Staged excavated spoils within excavation dewatering pad
- Collect conformance samples

**Work Projected Next Day (11/11/13):**

- Move soils from excavation area to SCA

**Work Projected Next Week (11/10/13-11/15/13):**

- Monday: Excavate cells
- Tuesday: Excavate cells
- Wednesday: Excavate cells
- Thursday: Excavate cells
- Friday: Excavate cells

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

**Visitors:**

- Jim Christopher (AECOM)
- Henry Wilke (NYSDEC)

**Materials / Equipment Received or Picked up:**

- 1 pallet of 6 mil poly sheeting
- 1 load of slag cement via pneumatic truck

**Contractors, Crew Size:**

- RECON : 8 (Superintendent, 2 HSSO, 5 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring telemetry stopped working. Data logging functionality continued without issues.
- Stop Work as field teams continued to work after sundown (not an adequate lighting source for night work)

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**SCA-piles covered**



**Current excavation status**



**Excavated spoils situated on curing cell within the excavation area**

**Daily Progress Report #42**

**Date:** 11/11/2013 – Monday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Moved ~200cy from excavation area to SCA
- Collect waste sample

**Work Projected Next Day (11/12/13):**

- Excavate materials from super cell (19,11,27)
- Direct load out the spoils from the super cell

**Work Projected Next Week (11/10/13-11/15/13):**

- Monday: Excavate cells
- Tuesday: Excavate cells 19,11,27 and collect waste samples
- Wednesday: Excavate cells 24,16,30 and collect waste samples
- Thursday: Excavate cells 21,13 and 22,14 and collect waste samples
- Friday: Transport spoils to SCA and collect waste samples

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

**Visitors:**

None

**Materials / Equipment Received or Picked up:**

- 1 load of slag cement via pneumatic truck

**Contractors, Crew Size:**

- RECON : 8 (Superintendent, 2 HSSO, 5 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring telemetry stopped working. Data logging functionality continued without issues.
- Stop Work as field employee walked under boom of extended fork lift and, to utilize water truck for dust suppression.

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**SCA added 1 row ~200cy and collected sample**



**Moved materials out of excavation area to SCA**



**Excavated spoils situated in the SCA**

**Daily Progress Report #43**

**Date:** 11/12/2013 – Tuesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Direct load out of excavated materials to SCA
- Collect imported material sample
- Excavate "Super Cell" (24, 16, 40)
- Attend the CEMC Stand up conference call

**Work Projected Next Day (11/13/13):**

- Excavate materials from super cell (19,11,27)
- Direct load out the spoils from the super cell
- Stock pile sampling (SP-12, SP-13, SP-14)

**Work Projected Next Week (11/10/13-11/15/13):**

- Monday: Excavate cells
- Tuesday: Excavate cells 19,11,27 and collect waste samples
- Wednesday: Excavate cells 24,16,30 and collect waste samples
- Thursday: Excavate cells 21,13 and 22,14 and collect waste samples
- Friday: Transport spoils to SCA and collect waste samples

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

**Visitors:**

Paul Bracken (Arcadis)  
David Cabellero (Arcadis)  
Judson Polikoff  
Matt Meyers (RECON)

**Materials / Equipment Received or Picked up:**

- None

**Contractors, Crew Size:**

- RECON : 9 (PM, Superintendent, 2 HSSO, 5 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging



**Super cell excavation (24, 16, 40)**



**Excavated spoils from Super cell (24, 16, 40)**



**Depleted consumables stocking area**

## Interim Remedial Measure of the former VRU area Oceanside, NY

**Chevron Facility # 6518040**

### **Daily Progress Report #44**

**Date:** 11/13/2013 – Wednesday

Project No. B0047517.0010.00002

#### **Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Direct load out of excavated materials to SCA
- Collect waste samples from SP-12, SP-13, SP-14
- Excavate "Super Cell" (19, 11, 27)

#### **Work Projected Next Day (11/14/13):**

- Move excavated materials to SCA
- Build 100cy lined cells within the SCA
- Stock pile sampling (SP-15)

#### **Work Projected Next Week (11/10/13-11/15/13):**

- Monday: Excavate cells
- Tuesday: Excavate cells 19,11,27 and collect waste samples
- Wednesday: Excavate cells 24,16,30 and collect waste samples
- Thursday: Excavate cells 21,13 and 22,14 and collect waste samples
- Friday: Transport spoils to SCA and collect waste samples

#### **Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Waste Manager

#### **Visitors:**

Judson Polikoff  
Matt Meyers (RECON)

#### **Materials / Equipment Received or Picked up:**

- 6, 500g totes of Polymax

#### **Contractors, Crew Size:**

- RECON : 9 (PM, Superintendent, 2 HSSO, 5 operators)

#### **Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging
- Stop work as employee was improperly wearing face shield during pressure washing activities



**Super cell excavation (19, 11, 27)**



**Current SCA status**



**Current excavation progress**

**Daily Progress Report #45**

**Date:** 11/14/2013 – Wednesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Load out materials from dewatering area to SCA

**Work Projected Next Day (11/15/13):**

- Excavated materials from cells 21, 13, 22, 14
- Build 100cy lined cells within the SCA

**Work Projected Next Week (11/10/13-11/15/13):**

- Monday: Excavate cells
- Tuesday: Excavate cells 19,11,27 and collect waste samples
- Wednesday: Excavate cells 24,16,30 and collect waste samples
- Thursday: Excavate cells 21,13 and 22,14 and collect waste samples
- Friday: Transport spoils to SCA and collect waste samples

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor

**Visitors:**

Matt Meyers (RECON)

**Materials / Equipment Received or Picked up:**

- 6, 500g totes of Polymax

**Contractors, Crew Size:**

- RECON : 9 (PM, Superintendent, 2 HSSO, 5 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Pumping leech water from SP-14**



**Adding cells along the NW end of the SCA**



**Current SCA status**

## Daily Progress Report #46

Date: 11/15/2013 – Friday

Project No. B0047517.0010.00002

### Project Work Performed:

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Load out materials from dewatering area to SCA
- Excavate materials from cells 22, 14, 23, 13 (303cy excavated) cells 22/14 = 28'x11'x14' (160cy). Cells 23/13 = 23'x12'x14' (143cy). 5'x12'x14' remain (31cy).

### Work Projected Next Day (11/16/13):

- Final 5'x12'x14' excavation within southern ends of cells 21 and 13
- Build 20'x160' single lined extension north of SCA
- Haul spoils to northern SCA extension cells
- Receive final load of slag cement

### Work Projected Next Week (11/10/13-11/16/13):

- Monday: Excavate cells
- Tuesday: Excavate cells 19,11,27 and collect waste samples
- Wednesday: Excavate cells 24,16,30 and collect waste samples
- Thursday: Excavate cells 21,13 and 22,14 and collect waste samples
- Friday: Transport spoils to SCA and collect waste samples
- Saturday: Final excavation, SCA extension build, haul materials

### Arcadis Personnel On-site:

- Scott Campbell-Site Supervisor

### Visitors:

Steven Wright (AECOM)

### Materials / Equipment Received or Picked up:

- Partial load of slag cement

### Contractors, Crew Size:

- RECON : 7 (Superintendent, 1 HSSO, 6 operators)

### Health and Safety/Community Air Monitoring:

- Air monitoring set up and data logging

## Interim Remedial Measure of the former VRU area Oceanside, NY

### Chevron Facility # 6518040



Excavation of cells 21 and 13



Placing soils into the West end of the SCA



2'x3' trench plate placed over MW32D

**Daily Progress Report #47**

**Date:** 11/16/2013 – Saturday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Excavate final soils from cells 21 and 13 (5'x12'x14') 31cy
- Pump water from SP-14 into 2, 55g drums (~70g)

**Work Projected Next Day (11/17/13):**

- None

**Work Projected Next Week (11/10/13-11/16/13):**

- Monday: Finalize build of SCA extension, move soils to SCA, sample soils and clean equipment from slurry plant.
- Tuesday: Move soils to SCA, sample soils and begin demob of slurry plant.
- Wednesday: Move soils to SCA, sample soils and demob slurry plant.
- Thursday: Lift large equipment with crane and demob final portions of the slurry plant.
- Friday: Site clean up and demob of RECON equipment.
- Saturday: Unknown

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor

**Visitors:**

None

**Materials / Equipment Received or Picked up:**

- Partial load of slag cement

**Contractors, Crew Size:**

- RECON : 6 (Superintendent, 1 HSSO, 5 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging
- SWA utilized as the operation of excavation design and limits were reached (Operator was instructed to continue excavation to accommodate excess slurry batches).

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Final excavation of cells 21 and 13**



**View of current SCA**



**Current excavation status**

**Daily Progress Report #48**

**Date:** 11/18/2013 – Monday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Finalize SCA extension build (120'x20') with K-rails, geotextile and, LDPE liner.
- Collected waste characterization samples from SP-16, SP-17, SP-18 and, SP-19.
- Begin cleaning Slurry plant for Demobilization
- Build clean out pit for excess slurry/cleaning

**Work Projected Next Day (11/19/13):**

- Move soils to SCA extension
- Continue with slurry plant demobilization

**Work Projected Next Week (11/10/13-11/16/13):**

- Monday: Finalize build of SCA extension, move soils to SCA, sample soils and clean equipment from slurry plant.
- Tuesday: Move soils to SCA, sample soils and begin demob of slurry plant.
- Wednesday: Move soils to SCA, sample soils and demob slurry plant.
- Thursday: Lift large equipment with crane and demob final portions of the slurry plant.
- Friday: Site clean up and demob of RECON equipment.
- Saturday: Unknown

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field waste manager

**Visitors:**

None

**Materials / Equipment Received or Picked up:**

- Rain for rent open top water storage tank taken off site.

**Contractors, Crew Size:**

- RECON : 6 (Superintendent, 1 HSSO, 6 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging
- No incidents occurred



**Rain for Rent taking water storage tank off site**



**SCA extension build**



**Cleanout pit for slurry plant**

**Daily Progress Report #49**

**Date:** 11/19/2013 – Tuesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Solidify soils with Portland cement type II and, haul soils from excavation to SCA via articulating dump truck.
- Built SP-21, SP-22 and started SP-23.
- Continue cleaning Slurry plant for Demobilization

**Work Projected Next Day (11/20/13):**

- Move soils to SCA extension to finalize SP-23 and SP-20
- Continue with slurry plant demobilization
- Sample SP-21, SP-22 and SP-23 if completed

**Work Projected Next Week (11/10/13-11/16/13):**

- Monday: Finalize build of SCA extension, move soils to SCA, sample soils and clean equipment from slurry plant.
- Tuesday: Move soils to SCA, sample soils and begin demob of slurry plant.
- Wednesday: Move soils to SCA, sample soils and demob slurry plant.
- Thursday: Lift large equipment with crane and demob final portions of the slurry plant.
- Friday: Site clean up and demob of RECON equipment.
- Saturday: Unknown

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field waste manager

**Visitors:**

Oceanside Fire department

**Materials / Equipment Received or Picked up:**

- None

**Contractors, Crew Size:**

- RECON : 6 (Superintendent, 1 HSSO, 6 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging
- No incidents occurred
- Identified Local fire station as primary response team (~2 minutes) with full ambulatory and medical staffing capabilities. Updated HASP ERP phone numbers to incorporate changes.

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Mixing portland cement and loading out soils**



**Current SCA status**



**Excavator cleaning soils off of cured cells for load out**

**Daily Progress Report #50**

**Date:** 11/20/2013 – Wednesday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Continue moving soils to SCA to finalize SP-20 and SP-23
- Sample SP-21, and SP-22
- Continue cleaning Slurry plant for Demobilization

**Work Projected Next Day (11/21/13):**

- Demobilize the slurry plant with Crane
- Sample SP-20, and SP-23

**Work Projected Next Week (11/10/13-11/16/13):**

- Monday: Finalize build of SCA extension, move soils to SCA, sample soils and clean equipment from slurry plant.
- Tuesday: Move soils to SCA, sample soils and begin demob of slurry plant.
- Wednesday: Move soils to SCA, sample soils and demob slurry plant.
- Thursday: Lift large equipment with crane and demob final portions of the slurry plant.
- Friday: Final soil scrape within excavation area and stockpile remaining spoils.
- Saturday: Unknown

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field waste manager

**Visitors:**

John Vogeley (Arcadis)  
Alain Hebert (Arcadis)

**Materials / Equipment Received or Picked up:**

**Contractors, Crew Size:**

- RECON : 6 (Superintendent, 1 HSSO, 6 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging
- No incidents occurred

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**Loading out materials from the excavation area**



**Evacuating slurry material from the plant to the washout area**



**Adding soils to SP-23**

**Daily Progress Report #51**

**Date:** 11/21/2013 – Thursday

Project No. B0047517.0010.00002

**Project Work Performed:**

- ARCADIS/RECON held the Morning safety meeting and reviewed JSA's
- CAMP stations set up and data logging
- Waste inspections of SCA
- Sample SP-20, and SP-23
- Crane on site to demob Slurry Plant
- Finalize SCA area 2 build (south end of excavation)

**Work Projected Next Day (11/22/13):**

- Final stock piles for SP-24 and SP-25
- Sample pile SP-24 and IDW treatability samples

**Work Projected Next Week (11/10/13-11/16/13):**

- Monday: Finalize build of SCA extension, move soils to SCA, sample soils and clean equipment from slurry plant.
- Tuesday: Move soils to SCA, sample soils and begin demob of slurry plant.
- Wednesday: Move soils to SCA, sample soils and demob slurry plant.
- Thursday: Lift large equipment with crane and demob final portions of the slurry plant.
- Friday: Final soil scrape within excavation area and stockpile remaining spoils.
- Saturday: Unknown

**Arcadis Personnel On-site:**

- Scott Campbell-Site Supervisor
- Trevor Ertel-Field waste manager

**Visitors:**

Judson Polikoff

**Materials / Equipment Received or Picked up:**

- Slurry plant (3 52' tractor trailers)

**Contractors, Crew Size:**

- RECON : 7 (PM, Superintendent, 1 HSSO, 6 operators)

**Health and Safety/Community Air Monitoring:**

- Air monitoring set up and data logging
- No incidents occurred

**Interim Remedial Measure of the former  
VRU area Oceanside, NY**

**Chevron Facility # 6518040**



**View of SCA with 80t Crane setting up**



**Crane picking up slurry tank**



**Truck loaded with Slurry equipment**



## Interim Remedial Measures Addendum

Oceanside, NY

Chevron Facility #6518040

### Daily Progress Report # 001

Day: 08/25/2014 – Monday

#### Project Work Performed:

- ARCADIS held a Tailgate safety meeting and reviewed JSAs.
- CAMP stations were deployed along the northern property boundary to document dust migrating onto the site.
- ARCADIS accepted delivery of rental equipment from Hertz.
- ARCADIS accepted delivery of temporary chain link fence from Piil.

#### Work Projected Next Day (08/26/14):

- Site Preparation activities, including clearing and/or reinforcing access roads as needed.
- Excavation and stockpiling of excavations in preparation of loading material for offsite disposal on 8/27/14.

#### ARCADIS Personnel On-Site:

- Mike Briscoe
- Aaron Richardson

No Photographs were taken.

#### Visitors:

- Judson Polikoff (CEMC)

#### Materials Received:

- None

#### Contractors, Crew Size:

- None

## Daily Progress Report # 002

Day: 08/26/2014 – Tuesday

### Project Work Performed:

- ARCADIS held a Tailgate safety meeting and reviewed JSAs.
- CAMP stations were deployed.
- ARCADIS accepted delivery of approximately 80 tons of clean stone from Benimax.
- ARCADIS cleared and/or reinforced access roads to allow trucks to drive through the site without backing up.
- ARCADIS excavated the AMW-5 and GS-2/GP-NORTH areas to design depths, staging excavated material adjacent to the respective areas. Portland cement was added to the GS-2/GP-NORTH material to solidify/stabilize the material.
- ARCADIS performed preliminary backfill of the AMW-5 and GS-2/GP-NORTH excavations. Clean stone was placed at the base of each excavation to bridge the saturated zone, then general fill was used to bring the area up to finish grade.

### Work Projected Next Day (08/27/14):

- Trucks are scheduled to be onsite in the morning to be loaded.
- GP-6 excavation will be completed and loaded into transport vehicles.
- Decontamination and demobilization activities.

### ARCADIS Personnel On-Site:

- Mike Briscoe
- Aaron Richardson
- John Giannis
- Jason Waldron

### Visitors:

- Judson Polikoff (CEMC)
- Brian Serrechia (AECOM)

### Materials Received:

- 80 tons of clean stone

### Contractors, Crew Size:

- None

## Interim Remedial Measures Addendum

Oceanside, NY

Chevron Facility #6518040



Hand-cleared areas of GS-2/GP-NORTH area to rule out utility.



Excavation of the AMW-5 Area.



Excavation of the GS-2/GP-NORTH Area.

**Daily Progress Report # 003**

**Day: 08/27/2014 – Wednesday**

**Project Work Performed:**

- ARCADIS held a Tailgate safety meeting and reviewed JSAs.
- CAMP stations were deployed.
- CEMC conducted training/orientation with Waste Management-provided truck drivers (Horwith Trucking)
- ARCADIS loaded 7 trucks with soil and debris
- Backfilling of all excavation areas was completed to finish grade.
- Dry decontamination was conducted on all equipment surfaces that contacted impacted material.
- Demobilization activities were completed.

**Work Projected Next Day (08/28/14):**

- Rental equipment (Hertz heavy equipment and temporary chain link fence) will be picked up from the site.

**ARCADIS Personnel On-Site:**

- Mike Briscoe
- Aaron Richardson
- John Giaimis
- Jason Waldron

**Visitors:**

- Judson Polikoff (CEMC)
- Brian Serrechia (AECOM)
- John Abruzzo (American Engineering)

**Materials Received:**

- None

**Contractors, Crew Size:**

- None

**Interim Remedial Measures Addendum**

**Oceanside, NY**

**Chevron Facility #6518040**



Loading of transport vehicle from the AMW-5 Excavation Area.



Backfill complete at the AMW-5 Excavation Area.



Backfill complete at the GS-2/GP-NORTH Excavation Area.