

APPENDIX A

**PHOTOGRAPHS OF CONFIRMATORY SAMPLING
AND REMEDIATION ACTIVITIES**

SERVICE AREA 1 (TEST PIT 19)

Junction Box Debris 1.2 m (4 ft) Below Ground Surface (bgs).



Section of 20 cm (8 in.) North-South Vitrified Clay Pipe (VCP) Staged for Sampling.



Section of 10 cm (4 in.) Cast-Iron Discovery Pipe Located in Excavation Sidewall.



Close-Up Photograph of 10 cm (4 in.) Cast-Iron Discovery Pipe.



Concrete Encased Section of 15 cm (6 in.) East-West VCP Removed for Sampling.



Remnants of Junction Box that was Previously Demolished in Place.



Junction Box Foundation Removed for Collection of Soil Sample Below.



Soil Sample (J025K5) Location from Under Junction Box Baseplate After Removal.



Junction Box Foundation.



Sediment Sampled (J025K4) Inside Concrete Encased VCP.



SERVICE AREA 2 (TEST PIT 12)

**Interior of 20 cm (8 in.) VCP Containing a Small Amount of
Debris from Excavation. No Sediment is Present.**



Junction Box Being Backfilled Early in the Morning.



SERVICE AREA 3 (TEST PIT 8)

Excavation Exposes Junction Box and Concrete Encased 15 cm (6 in.) VCP.



Contents of 15 cm (6 in.) VCP.



RCT Screening Soil from Below Junction Box.



VCP Broken Into Smaller Pieces for Sampling (J025K9).



SERVICE AREA 4 (TEST PIT 22)

Test Pit 22 (20 m [65 ft] North of Original Stake Location).



VCP 20 cm (8 in.) Encased in Concrete.



VCP 20 cm (8 in.) Encased in Concrete 2.4 m (8 ft) bgs.



Concrete Encased VCP Removed for Sampling.



SERVICE AREA 5 (TEST PIT 28)

Junction Box Covered Prior to Sampling.



Soil Sample (J026D1) Location Below Junction Box.



SERVICE AREA 6 (TEST PIT 40)

Sediment in Junction Box Prior to Sampling.



Collection Device for Obtaining Samples from the Bottom of the Junction Box.



Technique and Collection Device Used to Obtain Sediment Sample (J025J6).



Sediment Remaining Following Sampling.



Sediment Sample Collected from the Bottom of the Junction Box (J025J6).



Location of Soil Sample (J025J7) Taken Below Junction Box and Effluent Pipe.



Soil Sample (J025J7) Taken Below Junction Box and Effluent Pipe.



SERVICE AREA 7 (TEST PIT 24)

Test Pit 24, 1.8 m (6 ft) bgs.



VCP 15 cm (6 in.) Contained No Sediment.



VCP 15 cm (6 in.) Contained No Sediment.



Concrete Encased VCPs 15 cm (6 in.) and 20 cm (8 in.) Visible in Bottom of Test Pit.



Soil from Beneath Removed Section of VCP Staged for Sampling.



SERVICE AREA 8 (TEST PIT 25)

Concrete Discovered at 1.5 m (5 ft) bgs.



Concrete Appears to be a Layer Rather Than a Block.



VCP 15 cm (6 in.) is Visible Below Concrete Layer.



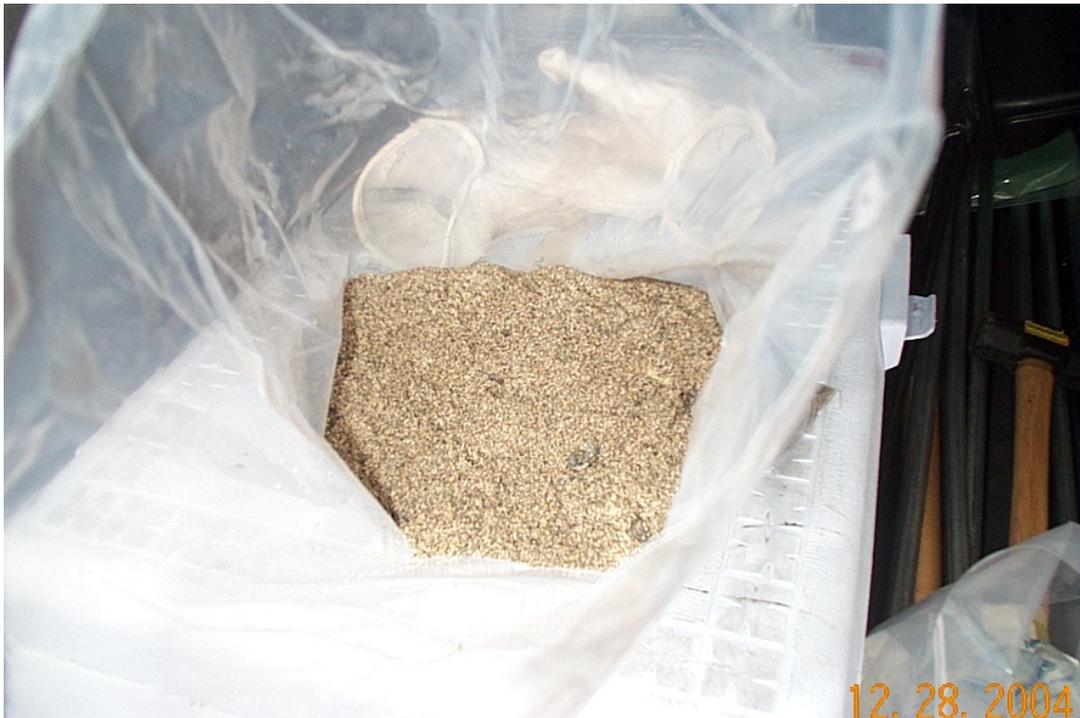
VCP 15 cm (6 in.) is Not Completely Encased in Concrete.



RCT Screening Soil Sampled (J025J8) from Excavator Bucket.



Soil Sample (J025J8).



Pieces of VCP Being Prepared for Sampling.



SERVICE AREA 9 (TEST PIT 27)

Sediment and Debris Inside 15 cm (6 in.) VCP.



Sediment Sample (J025K6) Collected from Inside VCP.



SERVICE AREA 10 (TEST PIT 21)

Junction Box Sediment Visible 3.7 m (12 ft) bgs.



Sediment Sample (J025J1) Being Collected from Bottom of Junction Box.



Stockpile of Excavated Material from Test Pit 21.



North Side of Junction Box with Effluent Pipe.



SERVICE AREA 10 (TEST PIT 23)

Sediment Sample (J025J3) Being Collected 3.7 m (12 ft) bgs.



Soil Sample (J025J4) Collected Below Junction Box Foundation.



SERVICE AREA 11 (TEST PIT 26)

Section of 20 cm (8 in.) Concrete Encased VCP Found Loose in Test Pit.



VCP was Buried 1.5 m (5 ft) bgs.



Soil Sample (J025J9) location.



Excavated Material Used to Obtain Soil Sample (J025J9).



Concrete Encased 20 cm (8 in.) VCP was Breached to Obtain Sediment Sample.



Sediment Sample (J025K0).



CORRECTIVE ACTION

Stockpiling Overburden from 100-F-26:9 Pipeline Subsite.



Steel Sodium Dichromate 5.1 cm (2 in.) Pipeline (100-F-26:7) was Breached.



**Approximately Five Gallons of Yellowish-Green Liquid
was Released Into the Excavation.**



**Breached 100-F-26:7 Pipeline in Foreground of
100-F-26:9 Pipeline Excavation.**



Load Out of 100-F-26:9 Pipeline and Soil.



Excavation of 100-F-26:9 Continues.



**Excavated Service Line from Former 184-F Building
(October 24, 2007).**



**Load Out of Soil and Debris from 100-F-26:9 Service Area 11
(October 25, 2007).**



**Service Area 11 Excavation that Cut Through South Parking Lot
(October 25, 2007).**



Excavation of 100-F-26:9 Pipeline is Backfilled (April 15, 2008)



**Contaminated Soil at 100-F-26:9 Removed Beneath Area
Related to Sample SP-6. Portion of 190-F Building
Foundation was Uncovered (April 9, 2008).**



