



**SITE 63**  
BLOCK 2154.4 LOT 4  
a.k.a  
BLOCK 1497 LOT 4  
a.k.a  
BLOCK 21503 LOT 11

Location:	SW136*	SW108R*	SW137A*
Depth:	1.3-1.8	1.1-1.6	0.7-1.2
Elevation:	8.8-9.3	7.7-8.2	7.5-8.0

CCPW modules observed in these locations. Samples were collected, but never analyzed.

Location:	SW136*	SW108R*	SW137A*		
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.8	2.8	2.8	2.8	2.8

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

Location:	063_2005				
Excavation Base Elevation (ft msl):	7.5				
Depth (ft bgs):	0.5	5	10	15	20
Sample Elevation (ft msl):	7.0	2.0	2.0	2.0	2.0

**LEGEND**

- POST-EXCAVATION BASE OR SIDEWALL SAMPLE REMOVED DURING EXCAVATION
- POST-EXCAVATION BASE AND SIDEWALL SAMPLE
- TETRAPOD BORING
- SITE 63 BOUNDARY
- WATER LINE
- CHAIN-LINK FENCE
- EDGE OF PAVEMENT
- UTILITY POLE
- SITE 63 BOUNDARY
- HYDRANT
- SUPPLEMENTAL REMEDIATION AREA
- RELEASED AREA
- CATCH BASIN
- WATER VALVE

- Sources:**
- LOCATION OF UNDERGROUND WATER PIPE BASED ON SUBSURFACE UTILITY ENGINEERING MARKINGS PERFORMED ON 11-7-17 BY MASER CONSULTING, P.A. AND FIELD MEASUREMENTS PROVIDED BY APTIM ENVIRONMENTAL & INFRASTRUCTURE ON 11-21-17.
  - MASER CONSULTING DID NOT PERFORM A BOUNDARY SURVEY. LOT 11 BOUNDARY IS BASED ON A SURVEY ENTITLED "BOUNDARY SURVEY OF LOT 11, BLOCK 21503, TAX MAP OF THE CITY OF JERSEY CITY, HUDSON COUNTY, STATE OF NEW JERSEY", PREPARED BY FARDOLI GROUP, INC., DATED MAY 3, 2013.
  - HUDSON COUNTY CHROMATE REMEDIATION SITE NUMBER 063 IS LOCATED WITHIN LOT 11, BLOCK 21503, OWNER NISAN 12, LLC.
  - SOIL BORING LOCATIONS BY CBA (APTIM) USING GPS.
  - THE GROUNDWATER ELEVATION USED FOR THE EVALUATION OF THE IMPACT TO GROUND WATER (GW) EXPOSURE PATHWAY IS 5.2 FEET NAVD83 (NORTH AMERICAN VERTICAL DATUM OF 1983).
- Reference:**
- "BURMA ROAD EXHIBIT" DRAWING NO. 14000664C, BY MASER CONSULTING, P.A. LAST REVISED ON DECEMBER 19, 2017.
- Footnote:**
- HORIZONTAL DATUM NAD 1983, VERTICAL DATUM NAVD83.

**Analytical Data Qualifiers:**  
 U=K - The analyte was not detected at the stated reporting limit.  
 \* - Duplicate analysis not within control limits; indeterminate bias direction.  
 J - The reported result is an estimated value.  
 EJ - The reported value is estimated because of the presence of interference; indeterminate bias direction.  
 N - The matrix spike sample recovery in the associated QC sample is not within QC limits.  
 - The result is estimated and may be biased low.  
 R - The reported result is rejected.

**Footnotes:**  
 SW108R, SW136, SW137: No data due to CCPW nodules at this location; Sample held at lab  
 \* = Elevated detection limit due to dilution required for high interfering element  
 EJ - The reported value is estimated because of the presence of interference; indeterminate bias direction  
 ft msl = feet mean sea level  
 ft bgs = feet below ground surface  
 mg/kg = milligram per kilogram  
 CCPW = Chrome Chemical Processing Waste  
 SLP = Synthetic Precipitation Leaching Procedure  
 Result exceeded criteria  
 For additional information regarding data qualifiers please review the provided Data Validation Reports.

Analyte	Default IGW SBL / Site-Specific IGW SBL (mg/kg)	RDC SRS (ARS) (mg/kg)	CRCC (mg/kg)
Cr	NA	NA	20,000
Co	0	31	NA
Ni	48 (205*)	1,600	NA
Tl	3	5	NA
V	NA	78 (300*)	NA

Location	Sample ID	Sample Elevation	Sample Depth	Exceedance
063_2005	063_2005	7.0	0.5	Cr
063_2005	063_2005	7.0	5	Cr
063_2005	063_2005	7.0	10	Cr
063_2005	063_2005	7.0	15	Cr
063_2005	063_2005	7.0	20	Cr

**APTIM** Aptim Environmental & Infrastructure, LLC  
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DESIGNED BY: PPG  
A.Y.

DRAWN BY: HUDSON COUNTY, NEW JERSEY

CHECKED BY: C. Leavy

APPROVED BY: C. Leavy

DATE: 2/26/19

SCALE: AS SHOWN

DRAWING NO.: 151136-D33-1

SHEET NO.: 1 OF 5

FIGURE 2  
CCPW METALS  
BURMA ROAD, MORRIS PESIN DRIVE, AND TRAFFIC  
CIRCLE SOIL SAMPLE LOCATIONS  
JERSEY CITY, NEW JERSEY