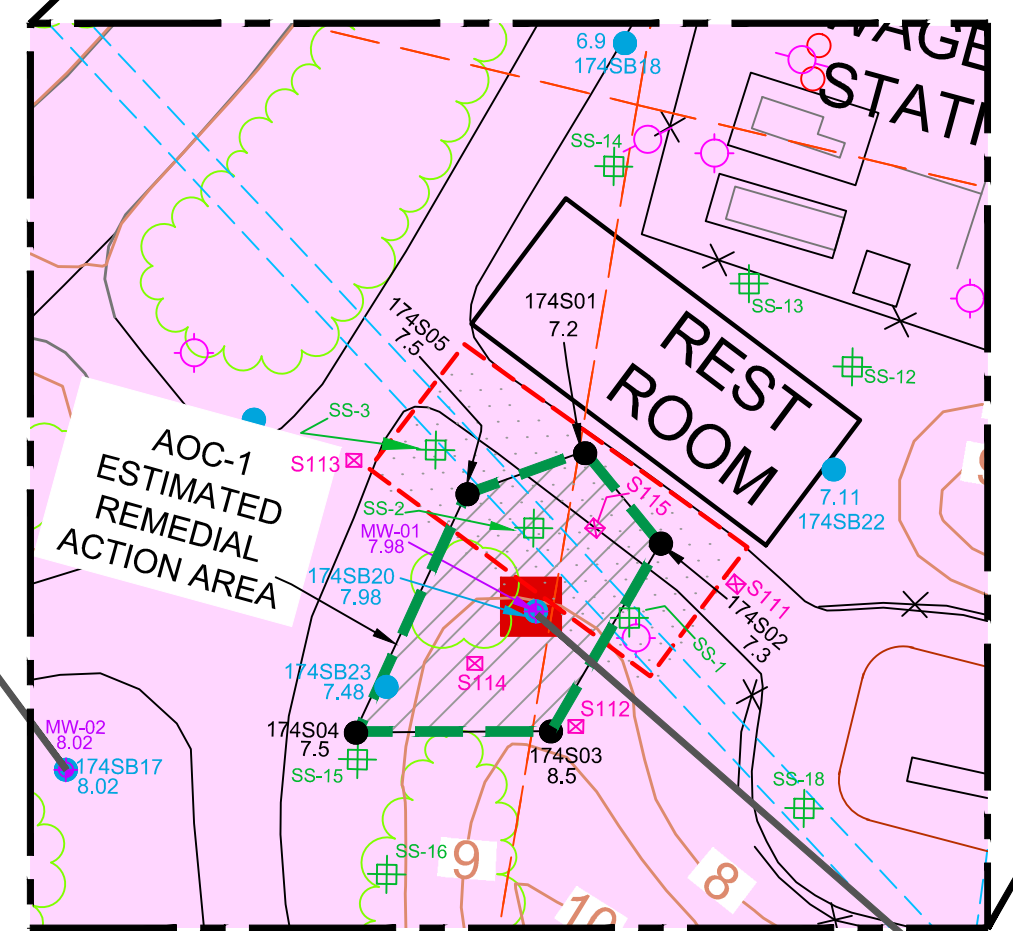


Location	S123
Sample Date	03/20/2012
Depth (ft)	4-4.5
Nickel	31.4 F

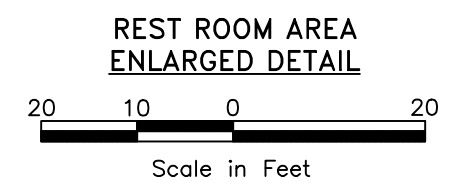
Location	MW-03
Screen Interval (ft)	4-14
Sample ID	G035070 G03507F
Sample Type	unfiltered filtered
Sample Date	12/8/1999 12/8/1999
Nickel	214 236
Thallium	9.9 J 6 U

Location	MW-02
Screen Interval (ft)	4-14
Sample ID	G017073 G01707F
Sample Type	unfiltered filtered
Sample Date	12/8/1999 12/8/1999
Thallium	6 U 6.3 J



Location	MW-01
Screen Interval (ft)	4.2-9.8
Sample ID	G020074 G02007F
Sample Type	unfiltered filtered
Sample Date	12/9/1999 12/9/1999
Short List Metals	No GWQS Exceedances

- Map Notes:
- Information shown hereon was compiled entirely from aerial photogrammetry. Per contract, no field verification of contours, spot elevations or planimetric features was performed. Photogrammetric control was conducted on April 27 through May 4, 2010 by C.T. Male Associates, P.C.
 - North orientation is based on the New Jersey (2900) State Plane Coordinate System, NAD83 (Conus) obtained from GPS observations using Trimble R8 GNSS receivers at Station 1106 A NJGS and NGS OPUS-RS.
 - Elevations shown hereon are based on NAVD 1988 and were obtained through GPS observations using Trimble R8 GNSS receivers at Station 1106 A NJGS.
 - Topographic information shown hereon was prepared from Aerial Stereo Photogrammetry prepared by Col-East, Inc. and flown on April 20, 2010. Data shown was taken from digitally compiled manuscripts. National Mapping Standards indicate that 90% of all contours shown shall be within one half (1/2) of the contour interval, and the remaining 10% shall not be in error by more than the contour interval.
 - The location of underground improvements or encroachments, if any exist, or as shown hereon, are not certified. There may be underground utilities, the existence of which are not known to the undersigned. Size and location of all underground utilities and structures must be verified by the appropriate authorities.
 - Information shown here for the sewerlines is approximate and were taken from a drawing called "Sample Location Map", Figure 3, done by L. Robert Kimball & Associates, Inc., dated 7/14/2000



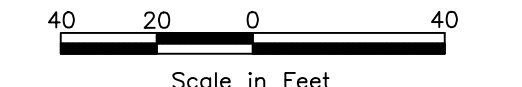
Metal	NJDEP Groundwater Quality Standard (GWQS)
Antimony	6
Beryllium	1
Cadmium	4
Total Chromium	70
Nickel	100
Thallium	2
Vanadium	60

All concentrations are in µg/L.
Bold indicates values above NJDEP Groundwater Quality Standard.
 F = The analyte was positively identified; the associated numerical value is an approximate value. Further investigation needed to address exceedance.
 J = The analyte was positively identified; the associated numerical value is approximate.
 U = Non-detected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Legend

PRELIMINARY SITE CHARACTERIZATION (KIMBALL, 2001)	174SB11 7.61 BORING LOCATION AND ELEVATION	174SB01 7.38 MONITORING WELL LOCATION AND ELEVATION	50 SEDIMENT SAMPLE LOCATION	58 KIMBALL (2001) SURFACE WATER SAMPLE LOCATION	174S01 7.2 BERGER (2003) BORING LOCATION AND ELEVATION	LAWLER, MATUSKY & SKELLY (1992-93) LMS SURFACE SOIL SAMPLE LOCATION	REMEDIAL INVESTIGATION (BERGER, 2003)	AREAS OF CONCERN: AOC-1 - ELEVATED CR+6
174SB11 7.61 BORING LOCATION AND ELEVATION	174SB01 7.38 MONITORING WELL LOCATION AND ELEVATION	50 SEDIMENT SAMPLE LOCATION	58 KIMBALL (2001) SURFACE WATER SAMPLE LOCATION	174S01 7.2 BERGER (2003) BORING LOCATION AND ELEVATION	LAWLER, MATUSKY & SKELLY (1992-93) LMS SURFACE SOIL SAMPLE LOCATION	REMEDIAL INVESTIGATION (BERGER, 2003)	AREAS OF CONCERN: AOC-1 - ELEVATED CR+6	
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SITE 174 BOUNDARY
 INTERIM REMEDIAL MEASURE
 AOC BOUNDARY
 LOT BOUNDARY
 CONTOUR LINE
 BOULDER AREA
 SHORELINE
 BULKHEAD LINE
 PIERHEAD LINE
 STORMWATER OVERFLOW PIPE
 GATE
 FENCE
 GUARDRAIL
 RETAINING WALL
 PROPOSED REMEDIAL ACTION BORING
 BENCH
 BUOY
 CATCH BASIN
 FIRE HYDRANT
 CONTOUR LINE
 LIGHT
 POST
 SIGN
 TREE
 UTILITY POLE
 VEGETATION



DESIGNED BY:	MS
DRAWN BY:	JK
CHECKED BY:	
APPROVED BY:	

AECOM
 30 KNIGHTSBRIDGE ROAD, SUITE 620
 PICATWAY, NEW JERSEY 08854
 TEL: 908.273.3600
 FAX: 908.273.3600
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GROUNDWATER EXCEEDANCES OF GROUNDWATER QUALITY STANDARDS
 PPG INDUSTRIES
 SITE 174 - DENNIS P. COLLINS PARK
 WEST 1st STREET, BAYONNE, NJ
 PROJECT NUMBER: 60213464.PM.NGA.DCP.A
 SCALE: AS SHOWN
 DATE: 05/10/2012

FIGURE NUMBER:
7
 SHEET NUMBER: