

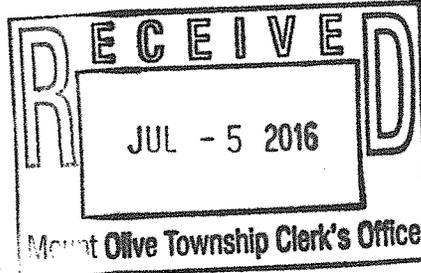


equity environmental engineering

WORKING TOGETHER TO DESIGN SOLUTIONS

cc: Adm.
Health
7/6/16
js

Mount Olive Township
Municipal Clerk
Attention: Michelle Masser
PO Box 450
Mont Olive, New Jersey 07828



June 27, 2016

RE: Classification Exception Area
Former Dynapac Manufacturing, Inc. (Block(s) 106, 106 / Lot(s) 1, 2.01)
Mount Olive, New Jersey
PI # 012200, ISRA Case No. 87938

Dear Sir/Madam:

On behalf of Metso Minerals Industries, Inc. Equity Environmental Engineering, LLC (Equity) has enclosed a copy of the NJDEP Classification Exception Area (CEA) / Well Restriction Area (WRA) Fact Sheet Form for the above referenced site. As specified in N.J.A.C. 7:26C-7.3(d), this document shall serve as a public notice for the external agencies/ affected parties of the CEA designations at the Former Dynapac Manufacturing, Inc. Site. Please reference the enclosed copy of the NJDEP CEA / WRA Fact Sheet Form for details related to:

- Proposed CEA lengths, widths and vertical depths;
- A list of all applicable contaminants;
- The projected term of the CEA

If you have any questions, concerns and/or need additional information, please feel free to call me at (973) 527-7451 x 102.

Sincerely,
equity environmental engineering

Peter Jaran, LSRP #594628
Managing Director

Attachment

cc: Tracey Poisal-Rice, Legal Counsel – Metso Minerals Industries, Inc., Waterloo Road Development Co. – Ken Kaplan, Mount Olive Township - Health Officer, Borough of Stanhope – The Board of Health, Borough of Stanhope – Municipal Clerk, Morris County Clerk – Hall of Records Administration Building, Morris County – Department of Planning & Public Works, Morris County – Office of Health Management

file



**New Jersey Department of Environmental Protection
Site Remediation Program**

**CLASSIFICATION EXCEPTION AREA / WELL RESTRICTION
AREA (CEA/WRA) FACT SHEET FORM**

Date Stamp
(For Department use only)

SECTION A. SITE INFORMATION

Site Name: Former Dynapac Manufacturing, Inc.

Program Interest (PI) Number(s): 012200

Case Tracking Number(s) for this submission: ISRA Case No. 87938

**This form must be attached to the Cover / Certification Form
if not submitted through the RIR Online Service**

1. Indicate the reason for submission of this form (*see instructions*):

- New CEA Revise CEA Reestablish CEA Existing CEA with no changes
 CEA for historic fill CEA lift/removal

If you are submitting this form for an existing CEA provide the CEA Subject Item ID: 154016

2. Indicate the type of ground water Remedial Action (RA):

- Natural Active Final RA not yet selected

3. Is this form being submitted with a Remedial Action Permit (RAP) Form (for Soil or Ground Water)?... Yes No

SECTION B. CEA COMPONENT INFORMATION

1. **Contaminant(s):** This CEA/WRA applies only to contaminants above applicable numeric values established by the Ground Water Quality Standards (GWQS), N.J.A.C. 7:9C, listed in the table below. Except for historic fill CEAs based on assumed ground water contamination, list the maximum contaminant value for all ground water data that could be representative of current conditions and is for any well or sampling point used to establish the CEA. The values listed below may or may not be appropriate for use in evaluating plume fate and transport. See form instructions.

Contaminant	Concentration ⁽¹⁾	GWQS ⁽²⁾	SWQS ⁽³⁾	GWSL ⁽⁴⁾
Tetrachloroethylene (PCE)	2.79	1	NA	31
Benzene	1.56	1	NA	20
TICs	3970	500	NA	No Standard

- Notes: ⁽¹⁾ Maximum concentration in Micrograms Per Liter
⁽²⁾ New Jersey Ground Water Quality Standards, N.J.A.C. 7:9C
⁽³⁾ Surface Water Quality Standards, N.J.A.C. 7:9B - Applicable only where contaminants in the CEA may discharge to a surface water body.
⁽⁴⁾ Current NJDEP Vapor Intrusion Ground Water Screening Levels available at <http://www.nj.gov/dep/srp/guidance/vaporintrusion/>

Check if attaching an Addendum to list additional contaminants and associated information.

2. **CEA Boundaries:** Year of tax map used: 1995

- For CEA revisions: check if CEA Boundary has changed (*See instructions*)
 check if Block and Lot numbers have changed (*See instructions*)

List the Block(s) and Lot(s) included in the areal extent of the Classification Exception Area:

Block(s)	Lot(s)	Check if off-site	Block(s)	Lot(s)	Check if off-site
106	1	<input type="checkbox"/>			<input type="checkbox"/>
106	2.01	<input checked="" type="checkbox"/>			<input type="checkbox"/>
7	1	<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>

Check if attaching an Addendum to list additional Blocks/Lots and associated information.

Narrative description of proposed CEA:

The proposed CEA is broken up into five areas: Area 1 - PCE Contamination: The immediate area around MW-20 & MW-33. Area 2 - PCE Contamination: The immediate area around MW-32 & 211. Area 3 - PCE Contamination: The immediate area around MW-19. Area 4 - TICs Contamination: The immediate area around MW-15A & MW-22. Area 5 - Benzene Contamination: The immediate area around MW-23. All five areas extend to a depth of 65 feet below grade surface. The proposed horizontal extent of the revised CEA encompasses an area of approximately 0.33 acres including 0.30 acres of the Site and 0.033 acres of an adjacent property owned by the Borough of Stanhope.

Name(s) of the affected Geologic Formation(s)/Unit(s): Unconsolidated Byram Gneiss Formation

Direction of ground water flow: North (If multiple water bearing zones exist within the CEA and/or there is no predominant flow direction, see instructions.)

Ground Water Classification: Class II-A (See instructions and GWQS for classification area information.)

Vertical Depth of CEA: 65 (ft bgs) and 740 (msl).

Horizontal Extent of CEA: _____ Indicate units: acres or square feet

3. Projected Term of CEA: (Based on modeling/calculations in the fate and transport description)

Proposed Duration in Years: 16.2 Anticipated Expiration Date: 06/30/2032

or Indeterminate (Review instructions before selecting "Indeterminate.")

4. ATTACH AND/OR SUBMIT THE FOLLOWING: (see instructions for additional information)

Exhibit A: Site Location Maps – USGS Quadrangle Map;

Exhibit B: CEA Map and Cross Section Figure – See N.J.A.C 7:26C- 7.3(c)1 and 2 and instructions regarding what to include on the map and the cross-section figure.

Exhibit C: GIS Deliverables – CEA Boundary Extent Map. The CEA Boundary Extent Map shall be submitted via email to srpgis_cea@dep.nj.gov. See the instructions for detailed GIS deliverable requirements.

For revisions, does the attached map differ from the CEA map on NJ-GeoWeb? Yes No N/A

If "Yes or N/A," identify the format of the CEA Boundary Extent Map: Shape File CAD File

SECTION C. CURRENT GROUND WATER USE DOCUMENTATION

1. Indicate the year of the most recent well search completed per N.J.A.C. 7:26E-1.14: 01/09/2016
2. If this Fact Sheet form is for a revised CEA or an existing CEA with no changes, have new wells been installed since the CEA was established? Yes No N/A
3. Are there any pumping wells (e.g., potable, industrial, irrigation or recovery wells) within the foot print of the CEA? Yes No

SECTION D. WELL RESTRICTION INFORMATION

Certain well restrictions relevant to potable ground water use, such as "Double Case Wells", "Sample Potable Wells", and "Evaluate Production Wells", are consistently set within the boundaries of all CEAs established by the NJDEP in Class I and II-A areas (see instructions).

1. Are there any other site-specific well restrictions relevant to potable ground water use that should be set within or near the boundaries of the proposed CEA? Yes No

If "Yes", describe below any such site-specific well restrictions proposed for this CEA:

Restrict installation of new wells within the CEA/WRA boundaries.

SECTION E. PUBLIC NOTIFICATION REQUIREMENTS

See form instructions for notification procedures

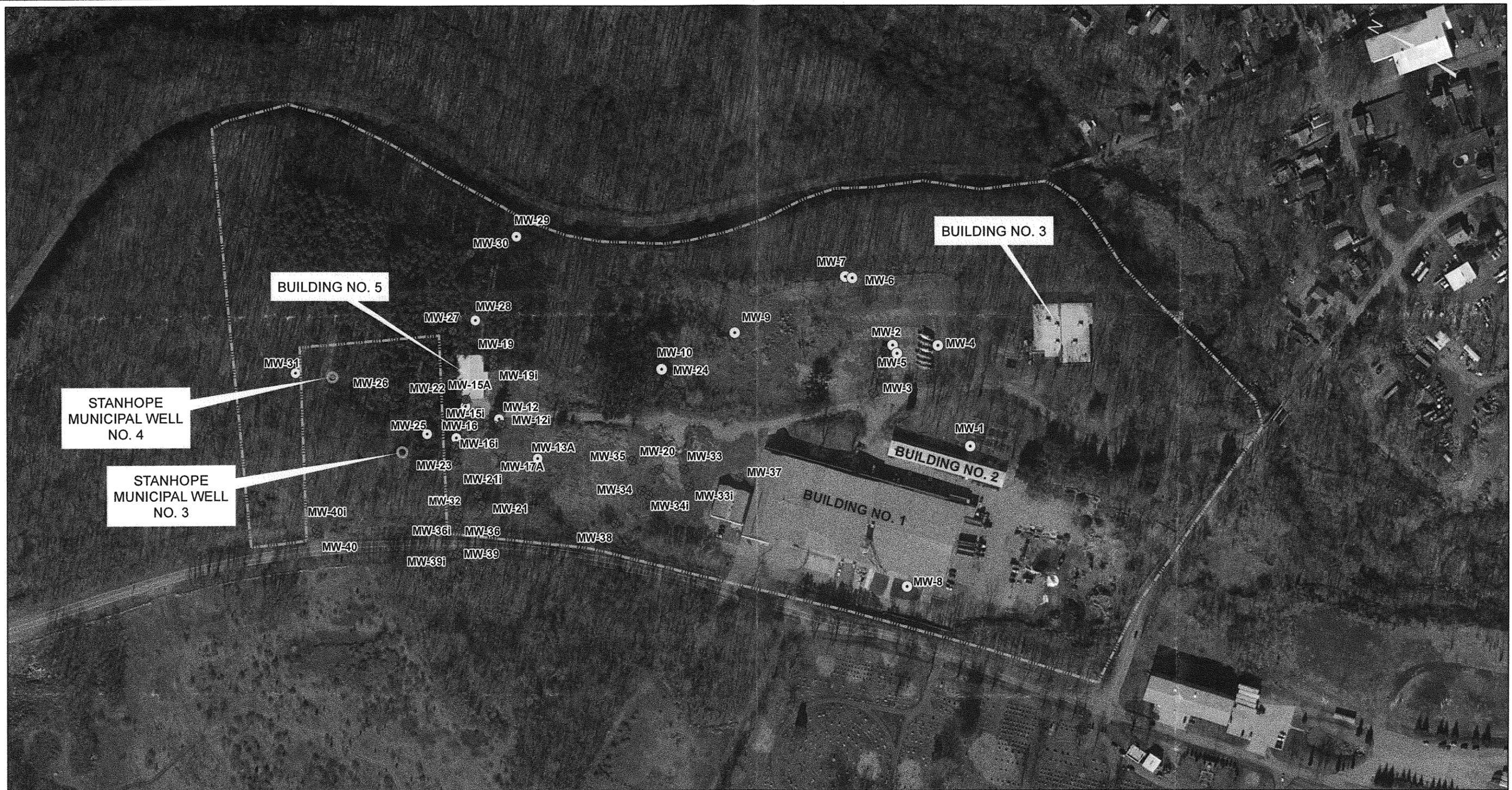
1. Indicate which of the following entities have been notified pursuant to N.J.A.C. 7:26C-7.3(d). (check all that apply)

- Municipal and county clerk(s)
- Local, county or regional health department(s)
- Designated County Environmental Health Act agency (if applicable)
- County Planning Board
- Pinelands Commission (if applicable)
- Owners of real property overlying CEA foot print

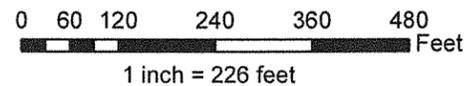
2. **List of Names and Addresses** – List below and/or in an attachment, the names/addresses of all persons notified pursuant to N.J.A.C. 7:26C-7.3(d) based on the proposed CEA boundaries. If the site property owner differs from the person responsible for conducting the remediation, enter the site owner's name and address first in below table. See instructions for more information regarding address list and indicating if vapor intrusion was evaluated for properties over the CEA.

Check here if no volatile contaminants are in the CEA

Entity or Owner Name	Notification Address Used (include applicable block and lot overlying CEA if owner address differs from property address)	Date notification sent	Was property evaluated for vapor intrusion? Check if "Yes"
Waterloo Road Development Company- Ken Kaplan	20 Continental Drive, Mt. Olive, NJ 07828	06/27/2016	<input checked="" type="checkbox"/>
Mt. Olive Twp. - Health Officer - Frank Wilpert, Jr.	PO Box 450, Budd Lake, NJ 07828	06/27/2016	<input checked="" type="checkbox"/>
Mt. Olive Twp. - Municiple Clerk - Michelle Masser	PO Box 450, Budd Lake, NJ 07828	06/27/2016	<input checked="" type="checkbox"/>
Morris County Clerk - Hall of Records Administration Building	10 Court Street, PO Box 315, Morristown, NJ 07963	06/27/2016	<input checked="" type="checkbox"/>
County of Morris - Department of Planning & Public Works	PO Box 900, Morristown, NJ 07693	06/27/2016	<input checked="" type="checkbox"/>
County of Morris - Office of Health Management	PO Box 900, Morristown, NJ 07963	06/27/2016	<input checked="" type="checkbox"/>
Borough of Stanhope - The Board of Health	77 Main Street, Stanhope, NJ 07874	06/27/2016	<input checked="" type="checkbox"/>
Borough of Stanhope – Municipal Clerk	77 Main Street, Stanhope, NJ 07874	06/27/2016	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>



NOTE:
 Basemap provided by ESRI (2010; ArcGIS-world imagery).
 Locations of all monitoring wells are approximate and
 shown for presentation purposes only.



Legend

- Stanhope Municipal Well
- Approximate Site Boundary
- Monitoring Well Location
- Abandoned Monitoring Well (May 2013 & July 2014)

**FIGURE 2
 SITE PLAN**

METSO
 FORMER DYNAPAC MFG. SITE
 STANHOPE, NJ



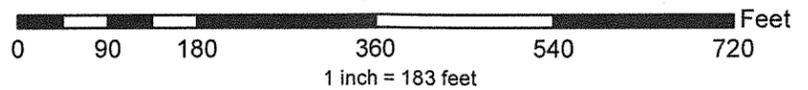
equity environmental engineering
 500 International Drive, Suite 150, Mount Olive, NJ 07828
 Phone: 973-527-7451 Fax: 973-858-0280

DRAWN BY/ DATE	CHK/DATE	DRAWING NUMBER
FU/02.24.2016	FM/02.24.2016	2016004-02



Legend

- Well Locations
- Stanhope Municipal Well (SMW)
- Prevailing Groundwater Flow
- CEA Boundary Area 5
- CEA Boundary Area 4
- CEA Boundary Area 3
- CEA Boundary Area 2
- CEA Boundary Area 1
- Site Boundary



**FIGURE 3
CEA BOUNDARY PLAN**

METSO
FORMER DYNAPAC MFG. SITE
STANHOPE, NJ

equity environmental engineering
500 International Drive, Suite 150, Mount Olive, NJ 07828
Office: (973) 527-7451 / Fax: (973) 858-0280

DRAWN BY / DATE	REV / DATE	DRAWING NUMBER
FU/06-21-2016	FWM/06-21-16	2016004-03