



equity environmental engineering

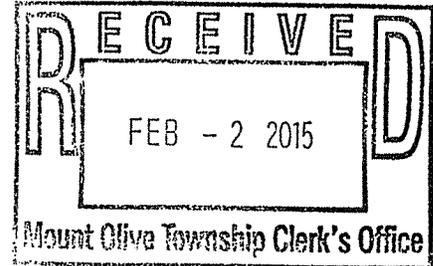
WORKING TOGETHER TO DESIGN SOLUTIONS

2/4/15 CC: Admin
Health

January 30, 2015

Mount Olive Township Clerk
Attn: Lisa Lashway, RMC
P.O. Box 450
Budd Lake, NJ 07828

RE: Biennial Certification Report Form
Former Dynapac Manufacturing, Inc. Site
PI #012200, Project No. 2015001



To whom it Concerns:

On behalf of Metso Minerals Industries, Inc. (Metso) please find enclosed, the Biennial Certification Form for a Ground Water Classification Exception Area (CEA). The site is located at 20 Continental Drive, Mount Olive, New Jersey 07836. We are providing for your review one hard copy of the report and an electronic copy of the attachments on a Compact Disc. Should you need a hard copy of the attachments please contact me at the phone number provided below.

Should you have any questions, please contact me at 973-527-7451, ext. 102.

Sincerely,
equity environmental engineering


Peter Jaran, LSRP #594628
Managing Director

Cc: Tracey Poisal-Rice/Metso
File

New Jersey Department of Environmental Protection

Biennial Certification Monitoring Report for a
Ground Water Classification Exception Area (CEA)

I. Site Background Information

A. Facility Name and Location:

Site Name at the time the CEA was issued: Former Dynapac Manufacturing, Inc.
Current Site/Property Name (if different than above):
Site/Property Street Address: 20 Continental Drive
Municipality (-ies): Mount Olive Twp. County (ies): Morris
Blocks (Impacted On-Site): 106 & 7 Lots (Impacted On-Site): 1 & 1
Blocks (Impacted Off-Site): 106 Lots (Impacted Off-Site): 2.01
Year of Tax map from which this information is obtained: May 1990

B. Person Submitting Biennial Certification for the CEA:

Person Responsible (Name of Individual or Legal Entity): Metso Minerals Industries, Inc.
Name of Business responsible for submitting this report: Equity Environmental Engineering, LLC
Relationship to the Site (check as appropriate): Owner , Operator , Lessee ,
Person Conducting Cleanup , Other (describe) _____
Street Address: 2715 Pleasant Valley Road
City: York State: PA Zip: 17405-7043
Telephone Number: 717-843-8671
FAX Number: 717-848-8439
E-mail Address: tracey.poisal-rice@metso.com

C. All Current Owner, Lessee(s) and Operator(s)

Owner

Contact Person Name: Ken Kaplan
Contact Person Affiliation: President
Business Name: New York Folding Box Co
Street Address: 20 Continental Drive
City: Mount Olive State: NJ Zip: 07828
Telephone Number: 973-699-7125
FAX Number:
E-mail Address: ken@nyfoldingbox.com

Lessee(s)

Contact Person Name: _____
Contact Person Affiliation: _____
Business Name: _____
Street Address: _____

City: _____ State: _____ Zip: _____
Telephone Number: _____
FAX Number: _____
E-mail Address: _____

Operator(s)

Contact Person Name:
Contact Person Affiliation:
Business Name:
Street Address:
City: _____ State: _____ Zip: _____
Telephone Number: _____
FAX Number: _____
E-mail Address: _____

D. Case Specific Information (Complete all that apply)

- Program Interest Name: Former Dynapac Manufacturing Inc Site
- Program Interest Number: 012200
- Known Contaminant Site List (KCSL) Number (if available): _____
- Incident Report Number (10 or 12 Digit Case Number): _____
- Industrial Site Recovery Act Number: 87938
- UST Registration Number (7 digits): _____
- Date Department approved CEA: 7/2002, Revised CEA submitted 6/2006
- Name and Bureau of assigned Case Manager at the time the CEA was issued: William Koba, Bureau of Enforcement and Investigations (BEI)

E. Existing Site Conditions

- Describe the physical characteristics of the site

The Site occupies approximately 39 acres of land in Mount Olive Township, Morris County, New Jersey. Industrial operations have taken place at the Site since the early 1900s. Dynapac assembled and manufactured soil compaction equipment at this facility for more than 20 years. Operations ceased at the facility in 1987. The Site is presently occupied by the New York Folding Box Company, a manufacturer of fiber board boxes.

The Site is located within the New Jersey Highlands Subdivision of the New England Physiographic Province surrounded by broad, rounded ridges and deep narrow valleys. Bedrock consists predominantly of Pre-Cambrian age gneisses (Byram Gneiss Formation) and granites covered by glacial or fluvial unconsolidated deposits (silts, sands and gravels).

The subsurface stratigraphy consists of a layer of fill (up to 8-ft thick) overlying glacial drift and outwash deposits placed during the retreat of the Wisconsin Glacier (approximately 100-ft thick). These glacial deposits have a highly variable grain size, ranging from clays and silts to sands and boulders. A pyroxene gneiss bedrock formation was encountered below the glacial deposits.

The site-specific subsurface stratigraphy below the site consists of:

- 1) Layer of fill (up to 8-ft thick);
- 2) Silty fine sand unit, thickness varies from about 24 to 38 ft;
- 3) Fine to coarse sand unit with varying amounts of silt and gravel, thickness of 6 to 17 ft;
- 4) Fine sand unit with layers of silt, encountered below the water table, thickness which varies from 4 to 22 ft; and
- 5) Sand and gravel unit, thickness ranging from 7 to 13 ft.

The depth to the bedrock surface is approximately 109 ft.

Groundwater occurs as an unconfined aquifer within the unconsolidated deposits at a depth of 16 to 32 ft bgs. The groundwater flow direction is toward the north-northwest. The glacial stratified drift, which covers the bedrock, provides good drainage and permeability due to its slope and coarse texture.

The nearest permanent surface water bodies to the Site are the abandoned Morris Canal and the Musconetcong River. The Morris Canal was abandoned in 1931 and portions of it have been drained. A remnant segment of the Canal, which exists adjacent to the Site, is filled with water and is heavily vegetated along its banks. The water in the Canal is stagnant, contains a thick accumulation of sediment, and appears to have no hydraulic connection to the groundwater.

The Musconetcong River contains large open areas, which act as a floodplain buffer between it and the Borough of Stanhope. Areas on both sides of the river contain wetlands.

Neither water body (i.e., the Morris Canal or the Musconetcong River) is used as a source of potable drinking water. However, the groundwater is used by the Borough of Stanhope. Currently the Borough of Stanhope has a well field containing two (2) potable wells, which is adjacent to the northwestern property boundary of the site.

- Describe the current site operations

The Site is presently occupied by the New York Folding Box Company, a manufacturer of fiber board boxes and other tenants that lease office space.

- Describe each remedial action that included the CEA. Please check and describe, as required, the appropriate selection below.

- Natural Attenuation
- Other (please describe below)

GENERAL INVESTIGATIONS AND REMEDIAL ACTIVITIES:

J.M. Sorge, Inc. (Sorge) performed an initial Environmental Cleanup Responsibility Act (ECRA) site investigation involving limited soil sampling in 1988, which identified 18 areas of environmental concern (AECs). In December 1988, Dynapac retained International

Technology Corporation (IT Corp) to further investigate the AECs and initiate remedial activities. In 1990-1991, URS continued the ongoing ECRA/ISRA investigative and remedial activities. Environmental Liability Management provided overall project management for Dynapac. Pertinent documents not available for review include a 1990 Environmental Investigation Report, a September 1991 ECRA Cleanup Plan, and URS's Cleanup Plan Addendum, dated August 1992.

The ECRA Cleanup Plan was approved by the NJDEP on June 28, 1993. Each of the 18 AECs identified by Sorge has been closed by the NJDEP and "No Further Action Letters" for soil contamination has been issued. Five major areas of concern, Area A-1/A-4, Area B-1, Area E-1, Area 1 (including the location of the former aboveground storage tank north of Building 26 and the vault west of Building 26), and Area 9, were remediated under this program. In addition, the NJDEP approved the Natural Attenuation Groundwater Remediation Compliance Program proposed for the Site which contained a long-term groundwater monitoring program to be conducted to monitor contaminant concentrations in groundwater over time.

ELM Consulting, L.L.C. (ELM) provided professional environmental remediation compliance services applicable to this property from 2005 – 2012. Environmental remediation services include, but not limited to groundwater monitoring activities, potable well sampling activities, vapor intrusion study, and NJDEP required reporting. In May of 2012 Metso Minerals Industries, Inc. retained Peter Jaran, P.E., LSRP as the Licensed Site Remediation Professional (LSRP) at Equity Environmental Engineering LLC for this subject property to monitor and assist Metso Minerals Industries with all future professional environmental remediation compliance services applicable to this property.

Soil Remediation Program

In 1995, the soil remediation portion of the Cleanup Plan was completed. During the period from 1988 to 1995, a total of 43,712 tons of impacted soil was excavated and transported off-site to recycling or landfill facilities. The excavations were backfilled following post-excavation sampling results. On July 12, 1995, a "No Further Action" letter for soil remediation at the site was issued by NJDEP.

Stormwater System

In 2001, URS addressed the Stormwater Collection System at the Site. An issue was raised by a potential buyer of the Site indicating that two underground storage tanks (USTs) may exist. The USTs provided overflow capacity for two oil/water separator collection systems. Upon further field investigation, it was determined that a concrete UST had been installed at one location (known as the "Flagpole Island") located west of the former employee parking lot. The Stormwater Collection System had not been identified by Sorge, Inc. during the original ECRA investigation in 1987 and consequently, had not been addressed by URS during the cleanup activities conducted at the site.

In August 2001, Environmental Waste Minimization, Inc. (EWMI) removed the approximately 1000 - gallon, reinforced concrete UST and associated residual liquids and sludge. A total of approximately 900 gallons of water and sediment was pumped from the UST. The pumped

liquid was manifested and transported off-site for disposal. The soil excavated from around the UST showed no visual or olfactory evidence of contamination and groundwater was not encountered. Post excavation soil samples (TK-S1, TK-S2, TK-S3 and TK-S4, TK-S5) were analyzed for Total Petroleum Hydrocarbon Compounds (TPH). TK-S5 was also analyzed for VOCs, Semi-Volatile Organic Compounds, PCBs, and Priority Pollutant Metals. All analytical test results were well below the NJDEP Unrestricted Use Soil Cleanup Criteria for TPH of 10,000 ppm. No VOCs, SVOCS, or PCBs were detected above their respective MDLs in sample TKS5. Detected metals were well below the NJDEP Unrestricted Use Soil Cleanup Criteria.

URS proposed to abandon the tank in-place by filling it with sand, cement or other inert materials with similar physical and chemical properties. These activities are documented in the URS report "In-Place Abandonment of Concrete Underground Storage Tank" ISRA Case No. 87938" dated August 20, 2001.

On February 27, 2004, URS completed and distributed the document entitled "Baseline Ecological Evaluation" for the former Dynapac Manufacturing Facility. On April 10, 2008 ELM submitted a "Baseline Ecological Evaluation – Addendum" in support of the URS "Baseline Ecological Evaluation" document.

Natural Attenuation:

Groundwater

The remediation plan proposed in 1992 contained a Natural Groundwater Remediation Compliance Program for the Site. The remediation program consists of removal of potential sources of groundwater contamination (which was achieved by the Soil Remediation Program), long-term groundwater monitoring of selected monitoring wells, and monitoring of the Borough of Stanhope Well Field. The NJDEP approved the Natural Groundwater Remediation Compliance Program in 1993, which includes long-term groundwater monitoring to track contaminant concentrations over time. A total of 24 groundwater monitoring wells currently exist at the Site and within the Borough of Stanhope Well Field. These wells are in place to monitor source areas and sentinel locations and to track degradation and natural attenuation.

Groundwater quality data has been collected at the site since 1983. The primary compounds of concern (COC) at the site were determined to be tetrachloroethene (PCE) and benzene. Other compounds which have been detected sporadically in groundwater monitoring wells at least once above the NJDEP Groundwater Quality Standards (GWQS) are cis-1,2-dichloroethene, trichloroethene (TCE), acenaphthene, fluorene, naphthalene, and bis(2-ethylhexyl)phthalate (DEHP), Methyl tert-butyl ether (MTBE) and Ethylbenzene. No evidence of either light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquids (DNAPL) have been detected in site groundwater monitoring wells. The Borough of Stanhope production wells are sampled on a regular basis to ensure that the public water supply wells are not impacted above established drinking water standards by the COC in the groundwater at the site. Equity has a certified potable water sampler collect water samples from the two production wells and a distribution point. The samples are analyzed for Volatile Organic Compounds (VOCs) with library search for additional non-target organic compounds

(+15). A summary report of each sample event is provided to the NJDEP and the Borough of Stanhope Water and Sewer Utility.

Drinking water sampling activities were conducted:

- January 2012, April 2012, July 2012,
- February 2013, May 2013, November 2013
- March 2014, October 2014

A total of Sixteen (16) monitoring wells onsite have been properly abandoned to date. These 16 monitoring wells had no COCs detected in them. The monitoring well abandonments took place in May 2013 and July 2014. Monitoring wells that were abandoned include:

- May 2013 Event: MW-12, MW-13A, MW-15i, MW-16, MW-25, MW-28, MW-29, and MW-31.
- July 2014 Event: MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-8, and MW-10.

To see all monitoring well decommissioning reports please reference Attachment 6 of this Biennial Certification Monitoring Report.

Seven (7) new surficial groundwater monitoring wells have been installed on the site to aid in horizontal and vertical delineation of the known PCE impacted areas around MW-20 and MW-32. The 7 new wells include: MW-33, MW-33i, MW-34, MW-34i, MW-35, MW-36 and MW-36i. These wells include both shallow wells to a depth of forty feet below grade surface (40' bgs) and intermediate wells ranging in depth ranging from 51' bgs – 100' bgs. There is a wide range in depth for the intermediate wells since the aquitard layer was not encountered at original anticipated depths. The new wells were included in the September 2014 Groundwater sampling event, which is described in the below section.

Groundwater sampling activities were conducted:

- September 2012 and December 2012;
- April 2013 and August 2013;
- September 2014.

The groundwater sampling activities were completed by Equity Environmental Engineering to assess the progress of the natural attenuation of contaminants in groundwater at the site. Groundwater monitoring included water level measurements, field measurements (temperature, pH, ORP, conductivity, turbidity, and dissolved oxygen (DO)) and the collection of groundwater samples for analytical testing for target compound list VOCs+15.

All ground water analytical results were compared to the New Jersey Ground Water Quality Standards (GWQS). Analytical results for all of the samples revealed that Benzene, PCE, TCE and cis-1,2-dichloroethene continued to be detected slightly above their respective NJGWQS for twelve out of the twenty four total monitoring wells onsite. Impacted monitoring wells include: MW-16i, MW-17A, MW-19, MW-20, MW-21, MW21i, MW-27, MW-32, MW-33, MW-34, MW-36 and MW-36i. The table below will show you specific exceedances for the

September 2014 GW sampling event.

COC	NJGWQS ug/L	MW-16i ug/L	MW-17A ug/L	MW-19 ug/L	MW-20 ug/L	MW-21 ug/L	MW-21i ug/L	MW-27 ug/L	MW-32 ug/L
Benzene	1	1.41	-	-	-	-	-	-	-
Ethylbenzene	2	-	2.11	-	-	-	-	-	-
TCE	1	-	-	-	-	-	-	-	-
PCE	1	-	-	3.43	1.89	-	-	-	-
Cis-1,2-Dichloroethene	2	-	-	-	-	12.4	-	7.49	8.22

COC	NJGWQS ug/L	MW-33 ug/L	MW-34 ug/L	MW-36 ug/L	MW-36i ug/L
Benzene	1	-	-	-	-
Ethylbenzene	2	-	-	-	-
TCE	1	-	-	-	-
PCE	1	3.01	2.07	-	1.67
Cis-1,2-Dichloroethene	2	-	-	2.17	22.8

When all groundwater analytical results from all five sampling events are compared to each other there is a decrease in concentration over time, in the groundwater. The PCE impact around MW-20 appears in all the newly installed shallow wells, but does not appear in the intermediate wells. The TCE and PCE impact around MW-32 has not been delineated, due to elevated concentrations in new well MW-36i. Equity is currently proposing installation of additional monitoring wells onsite and offsite to aid in the vertical and horizontal delineation of the TCE and PCE plume in the southwest corner of the property for calendar year 2015. To see all GW analytical results from the past 5 GW sampling events, please reference Attachment 8 of this Biennial Certification Monitoring Report.

Other:

Groundwater Treatment

In-Situ Oxidation Technologies, Inc. (ISOTEC) was retained in 2003 to conduct an in-situ chemical oxidation remedial treatment program associated with the groundwater contamination at the site that exceeded NJDEP groundwater quality standards. A laboratory bench-scale study was performed in 2000, which determined that ISOTEC modified Fenton's reagents would help oxidize chlorinated contaminants.

Based on historical groundwater quality data, three areas of concern were targeted for treatment (Area #1 around MW-19, Area #A around MW-21, and Area #W26 around MW-15). Two injection wells were installed in each area that targeted saturated soil and groundwater contamination extending from 25 to 44 feet bgs. All six injection wells were used to introduce Fentons reagent during the Phase I treatment event (March 18-21, 2003 and Phase again during the Phase II treatment event (May 5-9, 2003).

Pre-treatment and post-treatment sampling and analysis was conducted at nine locations before and after each treatment event. Results indicated decreases of VOC and SVOC

contaminants in groundwater in all areas. Groundwater sample collection of select groundwater monitoring wells was conducted to assess the overall effectiveness of the treatment program on the groundwater quality and the natural attenuation of groundwater impacts at the Site.

Equity is currently proposing another round of bio-remediation using BioStryke™ TPH ENHANCED™ solutions for the calendar year 2015. This product will stimulate the natural environment in the subsurface, which will allow the native bacteria to flourish and destroy contamination at an accelerated rate.

II. CEA Protectiveness Evaluation

A. Inspection and Evaluation of the CEA

(The appropriate box on the left must be checked for each of the following items.)

1. Changes to Laws and Regulations

- a. Are there any subsequently promulgated or modified laws or regulations, which apply to the remedial action, which includes the CEA? **Complete Columns 1 and 2 of Attachment 1: Comparison of Applicable Laws and Regulations.**

Yes No (If No, proceed to #2 below)

If Yes, complete **Column 3 of Attachment 1: Comparison of Applicable Laws and Regulations** providing the actions taken to demonstrate how the remedial action, which includes the CEA, conforms to current statutes and regulations.

2. Evaluation of Future Water Uses

- a. Are there any planned changes within the 25-year water use planning horizon for the aquifer(s), in which the CEA is located, since the Department established the CEA or the last completed biennial review, whichever is more recent? Ensure that all sources in **Attachment 2: Results of the 25-Year Water Use Planning Review** have been reviewed and are checked off.

Yes No (If No, proceed to #3)

If Yes, provide details of the changes in **Attachment 2: Results of the 25-Year Water Use Planning Review.**

- b. Will any of the proposed changes in the ground water use, identified above, possibly influence the protectiveness of the remedial action that includes the ground water CEA?

Yes No (If No, proceed to #3)

Provide explanations in **Attachment 2: Results of the 25-Year Water Use Planning Review.**

- c. Is there a need to reevaluate the fate and transport of the ground water contamination plume and to revise the CEA to ensure that the remedial action remains protective of the public health and

safety and the environment?

Yes No (If No, proceed to #3)

If **Yes**, provide a brief explanation below and attach the revised CEA model prepared in accordance with N.J.A.C. 7:26E-8.6(b) 10. Provide calculations and a scaled map including delineation of the plume extent and all Blocks and Lots that are within the extent of the CEA and include this in **Attachment 3: Revised CEA**.

3. Well Search

a. Have there have been any actual changes in ground water use, pursuant to N.J.A.C. 7:26E-8.6(a) 3., since the Department established the ground water CEA or the last completed biennial review, whichever is more recent? Provide results of well searches in **Attachment 4: Well Search**

Yes No (If No, proceed to #4 below)

b. Have any of the actual changes in the ground water use, identified above, influenced or may influence the protectiveness of the remedial action that includes the ground water CEA?

Yes No (If No, proceed to #4 below)

If **Yes**, provide explanations in **Attachment 4: Well Search**.

4. Ground Water Monitoring Wells associated with the CEA

a. During inspections was the physical integrity of each well acceptable and the security measures adequate as documented in an inspection log? Include the inspection logs in **Attachment 5: Maintenance Records for Monitoring Wells**.

Yes No (If Yes, proceed to #5 below)

If No, describe the associated problem(s) and how each of the situations was corrected.

b. Include in **Attachment 6: Well Abandonment Forms** copies of the well abandonment forms for all monitoring well(s) used to establish the ground water CEA that have been decommissioned since the previously submitted biennial certification or establishment of the CEA, whichever is later.

5. Land Use Disturbance

a. Has there been any land use disturbance, such as the installation of a detention basin, that intercepted the water table within the area of the ground water CEA?

Yes No (If No, proceed to #6 below)

If **Yes**, present the data and evaluation required in accordance with N.J.A.C. 7:26E-8.6(a) 5 and 8.6(b) 7. Present the sampling results, and the associated reduced laboratory data deliverables Quality Assurance/Quality Control (QA/QC) package as per N.J.A.C. 7:26E-2.1 (a) 13ii. and evaluation in **Attachment 7: Results of Land Use Disturbance Analysis**.

6.CEA Status (check the appropriate box below)

Present the sampling results, the associated reduced laboratory data deliverables Quality Assurance/Quality Control package pursuant to N.J.A.C. 7:26E-2.1 (a) 13ii and evaluation in **Attachment 8: Results of Ground Water Analysis** for the appropriate situation, as necessary.

The currently effective termination date of the CEA has not passed and no ground water sampling has been conducted.

The currently effective termination date of the CEA has passed and the required ground water samples were collected and evaluated in accordance with N.J.A.C. 7:26E-8.6(a) 7ii, or reference 8.6(a) 8. Do the sampling results confirm that the contaminant concentrations are at or below the applicable Ground Water Quality Standards throughout the entire ground water CEA?

Yes No If **Yes** provide the results of the analysis in **Attachment 8: Results of Ground Water Analysis** and then proceed to III. Certification, below.

If **No**, present the data, an explanation of why ground water contamination is still present and a re-evaluation of the ground water quality standards pursuant to N.J.A.C. 7:26E-8.3(b), 8.6(b) 10 and 8.6(b) 13. Present this information in **Attachment 8: Results of Ground Water Analysis**

The currently effective termination date of the CEA has not passed, however ground water samples have been voluntarily collected and evaluated in accordance with N.J.A.C. 7:26E-8.6(a) 7ii or 8.6(a) 6ii.

III. Certification

A. Certification, Copying and Reporting Requirement

Provide both a paper and an electronic copy of this certification, in accordance with N.J.A.C. 7:26E-8.6(c)2, to the following people. Provide documentation in **Attachment 9 Name and Address Copy List** confirming that each of the following groups of people received a copy of the Certification:

1. The municipal and county clerks for each municipality and county in which any real property overlying the CEA is located;
2. The local, county and regional health department for each municipality and county in which any real property overlying the CEA is located;
3. Each owner of the real property which is overlying the CEA; and
4. Each current operator at the real property which is overlying the CEA.

B. Person Responsible for the Biennial Certification: (The following certification shall be signed according to N.J.A.C. 7:26E-1.5, N.J.A.C. 7:26C-1.2 and the covenant not to sue (if issued) as follows:

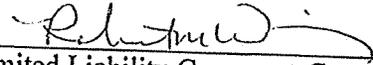
1. For a Limited Liability Company a member of the Limited Liability Company; or
2. For a Corporation by a person authorized by a resolution of the board of directors to sign the document. A copy of the resolution, certified as a true copy by the secretary of the corporation, shall be submitted along with the certification; or
3. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
4. For a municipality, State, federal or other public agency by either a principal executive officer or ranking elected Official.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge I believe that the submitted information is true, accurate, and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate, or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement, which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties."

I also understand that in order to maintain the benefits of the Covenant Not to Sue, the engineering and institutional controls (as applicable) must be evaluated and maintained to remain protective of public health and safety and of the environment.

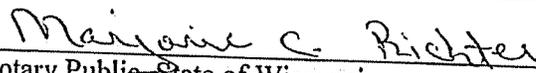
Based upon all of the information that I have provided above, I hereby certify that the remedial action(s) for which this Classification Exception Area was established remain protective of public health and safety and of the environment.

Name (print or type): Robert M. Wissing
Title: Vice President

Signature: 
Name of Limited Liability Company, Corporation or General or Limited Partnership: Metso Minerals Industries, Inc.
Date: 1/26/15

Sworn to & Subscribed before me

On this 26th Day of January 20 15


Notary Public, State of Wisconsin
My Commission expires: 7/19/2015.

SECRETARY'S CERTIFICATE

OF

METSO MINERALS INDUSTRIES, INC.

I, Todd A. Dillmann, am the duly-elected Secretary of Metso Minerals Industries, Inc., a Delaware corporation (the "Corporation").

I hereby certify that the following is a true and correct excerpt of the November 18, 2009 Resolution of the Board of Directors of the Corporation:

RESOLVED, that each person holding a position as President, Vice President, Treasurer, or Assistant Treasurer, for the Corporation is authorized to execute, in the name and on behalf of the Corporation, any bids, proposals, contracts, agreements, certificates or affidavits in connection with the sale, purchase or lease by the Corporation of goods or services, and any releases, compromises or settlements in connection with claims arising out of any such sale, purchase or lease, and to file any actions or proceedings in connection with such claims; and

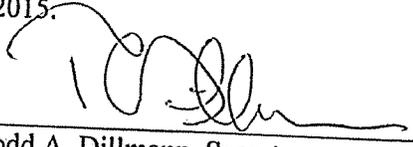
FURTHER RESOLVED, that each said person holding one or more of the above positions is authorized to delegate such authority in whole or in part, generally or in particular instances, to any person who is an employee of the Corporation or of any wholly-owned subsidiary of the Corporation, or to any attorney-at-law retained by the Corporation and is further authorized to confirm such delegation by granting and executing a formal power of attorney to such person; and

FURTHER RESOLVED, that the Secretary or an Assistant Secretary is authorized to issue certifications attesting to the incumbency, authority and status of any of the persons referred to in this resolution.

I further certify that the above resolution is in full force and effect.

I further hereby certify that Robert M. Wissing is a duly-elected and incumbent Vice President of the corporation and included within the above resolution.

Dated this 27 day of January, 2015.


Todd A. Dillmann, Secretary

Subscribed and sworn to before me
this 27th day of January, 2015.

Marjorie C. Richter
Notary Public, State of Wisconsin
My Commission expires: 7/19/2015.

Attachments to the CEA Biennial Certification

Attachment 1: Comparison of Applicable Laws and Regulations

Evaluation of Laws and Regulations must include, but is not limited to the following list. These Statutes and Regulations can be found at the following web sites
<http://www.njleg.state.nj.us/> OF http://www.state.nj.us/dep/legal/nj_env_law.htm.

List all statutes and regulations that are applicable.	Subsequent changes that apply to the CEA	Actions taken to conform the CEA with current statutes and regulations
Spill Compensation Control Act, N.J.S.A. 58:10-23.11 et seq.	Yes – LSRP requirement for the site	Metso Minerals Industries, Inc. retained Peter Jaran, P.E., LSRP on 05/02/2012 as the site LSRP.
Brownfields and Contaminated Site Remediation Act, N.J.S.A. 58:10B-1 et seq. Water Pollution Control Act, N.J.S.A. 58:10A-1, et seq.	Yes – LSRP requirement for the site	Metso Minerals Industries, Inc. retained Peter Jaran, P.E., LSRP on 05/02/2012 as the site LSRP.
Technical Requirements for Site Remediation, N.J.A.C. 7:26E	NO	
Procedures for Department Oversight of the Remediation of Contaminated Sites, N.J.A.C. 7:26C	NO	
Underground Storage Tank Regulations, N.J.A.C. 7:14B	Yes – LSRP requirement for the site	Metso Minerals Industries, Inc. retained Peter Jaran, P.E., LSRP on 05/02/2012 as the site LSRP.
Industrial Site Recovery Act Regulations, N.J.A.C. 7:26B	NO	
<i>Others (Specify)</i>		

Attachment 2: Evaluation of Future Water Uses (Results of the 25-Year Water Use Planning Review)

All plans, records and other relevant information shall be obtained from the following sources, without limitation. Please check the following boxes to confirm that the following sources were evaluated.

- i. The New Jersey Water Master Plan;
- ii. Department of Environmental Protection, Bureau of Water Allocation
- iii. Municipal master plans;
- iv. Zoning Plans;
- v. Local water purveyor plans and planning data pertaining to the existence of water lines and proposed future installation of water lines;
- vi. Local Planning Officials;
- vii. Local and county ordinances restricting installation of potable wells; and

viii. County and local boards of health

a. **Changes within the 25-year water use planning horizon (as appropriate):**

No changes in the 25-year water use planning horizon were identified.

b. **Determination of actual or proposed changes in the ground water use above have influenced or may influence the protectiveness of the remedial action that includes the ground water CEA (as appropriate):**

No actual or proposed changes in groundwater use were identified.

Attachment 3: Revised CEA

No revision conducted since approval of Revised CEA (June 2006).

Attachment 4: Well Search

Details of "XY Well Search". Search conducted on November 11, 2014. Locations of all new well permits issued since the submission of the 2011 Biennial Certification were located more than 1-mile from the CEA.

Attachment 5: Maintenance Records for Monitoring Wells

- No monitoring wells, associated with this site, are present.
 Monitoring wells and records, associated with this site, are enclosed.

All monitoring well (MW) inspections occurred during all groundwater gauging and sampling events. MW inspections occurred on 09/24/2012, 12/04/2012, 04/23/2013, 08/14/2013 and 09/09/2014. The MW inspection sheets are included in this biennial report for each gauging and sampling event.

Attachment 6 Well Abandonment Forms

- No Well Abandonment Forms required at this time
 Well Abandonment Forms enclosed

Monitoring well abandonment activities have occurred on 05/16/2013 and 07/21/2014. MW's that were decommissioned include: MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-8, MW-10, MW-12, MW-13A, MW-15I, MW-16, MW-25, MW-28, MW-29 and MW-31. The well decommissioning/abandonment forms are included in this biennial report for referencing.

Attachment 7 Results of Land Use Disturbance

No land use disturbances were identified.

Attachment 8 Results of Ground Water Analysis

See Attachment 8 data table and Laboratory Analytical Data for the results of the groundwater samples collected on 09/24/2012, 12/04/2012, 04/23/2013, 08/14/2013 and 09/09/2014.

Attachment 9 Name and Address Copy List

Biennial Certification Monitoring Report for Classification Exception Area
Former Dynapac Manufacturing, Inc.
20 Continental Drive
Mount Olive Township, NJ

Responsible Party Contact:

Metso Minerals Industries, Inc.
Attn: Tracey Poisal Rice
2715 Pleasant Valley Road, P.O. Box 15043
York, PA 17405-7043

Site Owner/Operator Contact:

New York Folding Box Company
Attn: Ken Kaplan
20 Continental Drive
Stanhope, NJ 07874

County Clerk Contacts:

1. Morris County Clerk
Administration & Records Building
Attn: Ann F. Grossi Esq.
10 Court Street
P.O. Box 315
Morristown, NJ 07963-0315
2. Sussex County Clerk's Office
Hall of Records
Attn: Jeffrey M. Parrott
83 Spring Street, Suite 304
Newton, NJ 07860

Municipal Clerk Contacts:

1. Borough of Stanhope Municipal Clerk
Borough Clerk, Ellen Horak, RMC, CMR
77 Main Street
Stanhope, NJ 07874
2. Mount Olive Township Clerk
Attn: Lisa Lashway, RMC
P.O. Box 450
Budd Lake, NJ 07828

County Health Department Contacts:

1. Sussex County Department of Health
Attn: Herbert J. Yardley
201 Wheatsworth Road
Hamburg, NJ 07419
2. County of Morris
Office of Health Management
PO Box 900
Morristown, NJ 07963-0900

Municipal Health Department Contacts:

1. Mount Olive Township
Attn: Frank Wilpert Sr.
Health Officer
P.O. Box 450
Budd Lake, NJ 07828

Department of Public Works Contacts:

1. Borough of Stanhope
Attn: Mr. William Storms
Municipal Offices
77 Main Street
Stanhope, NJ 0787
2. Mount Olive Township
Attn: Tim Quinn
Director - DPW
P.O. Box 450
Budd Lake, NJ 07828