

RE: GRAYMONT DOLIME (OH)
Report
Drinking Water Program
Ottawa County
PWS ID: OH6254112

RECEIVED

MAR 07 2017

DDAGW - NWDO

GRAYMONT DOLIME (OH) INC

21880 West State Route 163, PO Box 158, Genoa, Ottawa County, Ohio
PWS #OH6254112

In June 2016, House Bill (HB) 512 was passed to enact section 6109.121 of the Ohio Revised Code to establish requirements governing lead and copper testing for community and non-transient non-community public water systems and to revise law governing lead contamination from plumbing and fixtures. The law requires community water systems to identify and map areas of their distribution systems that are known or likely to contain lead service lines. These systems are also required to identify and provide a description of the characteristics of buildings served by the system that may contain lead solder, fixtures or pipes. Single building community water systems and non-transient non-community water systems are required to map areas of the system that have solder, fixtures and pipes containing lead.

In accordance with HB 512, Graymont Dolime (OH) Inc. PWS # OH6254112, worked with their engineering consultant to produce an overall water system map. The water system map includes approximate location of the distribution system with color coded lines that indicate type of main line material, approximate year of installation and other system features. Plumbing plans of the individual buildings at the facility are also being provided to show water distribution within each building.

EPA guidance provides the following: Based on amendments to the Safe Drinking Water Act (SDWA) and Ohio Plumbing Code, the age of a building or the age of a re-plumbing are indicators of the plumbing materials. **Buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to drinking water. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.**

With that guidance in mind, it is likely that some plumbing materials within the Men's and Women's Locker Rooms, the Laboratory, and the Maintenance Shop, Packaging Building, and Mill Building Restrooms all constructed in the 1940s and 1950s contain components that exceed the 8% lead and are at a higher risk. Based on information from facility personnel, the distribution piping throughout the facility is black iron with screwed or bolted fittings/joints. The feed water line from the on-site well is comprised of galvanized steel pipe and fittings. The plumbing materials within the main office building (renovated in 2008 and galvanized and copper piping observed) and the engineering building (water added in 2014 and galvanized and pex piping observed) are thought to be at a lower risk based on construction date. No drinking water fountains were observed in any building throughout the facility. Several bottled water coolers were observed throughout the facility for personnel to use as a source of drinking water.

RECEIVED

MAR 07 2017

DDAGW - NWDO



RECEIVED
 MAR 07 2017
 ODAGW - NWDO



Notes:
 1) Buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to drinking water. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.
 2) Lead-Free means the lead content is a weighted average of 0.25% or less in the wetted surfaced material.
 3) Water well was drilled in 1998 to a depth of 435 feet below grade surface. According to facility personnel, galvanized steel piping was used for all piping and joint intervals. A raw water pump transfers water from the well to the tower, which was installed in 1946. The raw water is treated with 12.5% Liquechlor at the tower before it is distributed to various parts of the facility.
 4) Based on information from facility personnel, the distribution piping is constructed of black iron with screwed or bolted joints/fittings. This black iron pipe was visually observed in some locations throughout the facility.
 5) Most of the building construction occurred in the 1940s and 1950s, with the exception of the main office and engineering buildings, that were constructed in the 1980s.
 6) No drinking fountains were observed in any of the facility buildings. Drinking water is provided in bottled water coolers throughout the facility.
 7) The aerial photo was acquired through the ESRI Imagery web service. Aerial photography dated 2015.

- ⊗ Sample Location
- ⊗ SMP Location
- ▲ Well Location
- Water Feed Piping
- Distribution Piping

HULL
 6397 Emerald Pkwy
 Suite 200
 Dublin, Ohio 43016
 Phone: (614) 793-8777
 Fax: (614) 793-0070
 www.hullinc.com

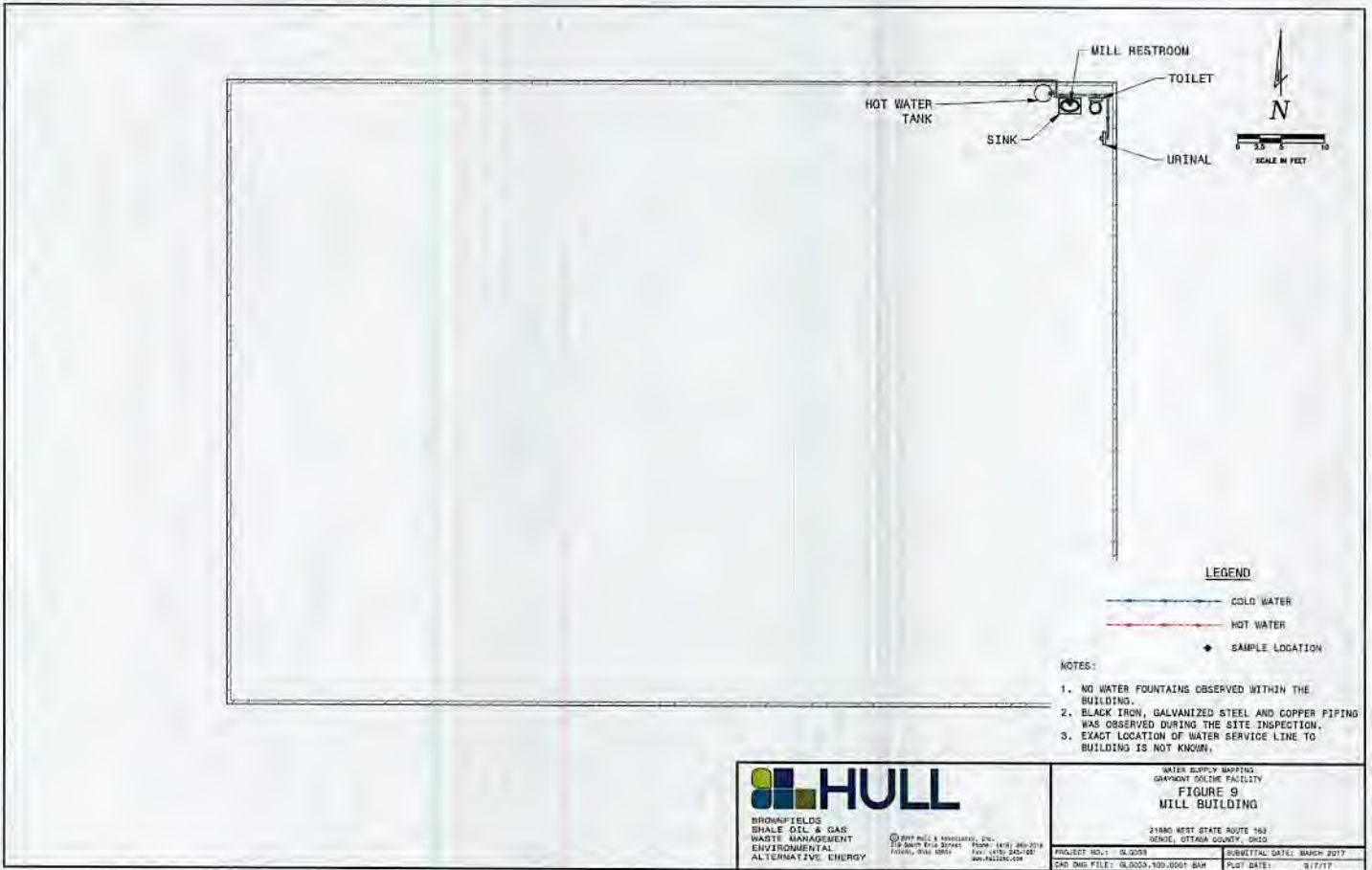
DISCLAIMER
 Hull & Associates, Inc. (Hull) has furnished this map to the company identified in the title block (Client) for its sole and exclusive use as a preliminary planning and screening tool and field verification is necessary to confirm basic data. This map is reproduced from geospatial information compiled from third-party sources which may change over time. Areas depicted by the map are approximate and may not be accurate to mapping, surveying or engineering standards. Hull makes no representation or guarantee as to the content, accuracy, timeliness or completeness of any information or spatial location depicted on this map. This map is provided without warranty of any kind, including but not limited to, the implied warranties of merchantability or fitness for a particular purpose. In no way will Hull, its owners, officers, employees or agents, be liable for damages of any kind arising out of the use of this map by Client or any other party.

March 2017
 Water Supply Mapping
 Gaymont Doline Facility
Facility Layout
 21880 West State Route 163
 Genoa, Ottawa County, Ohio
 Figure
2

RECEIVED

MAR 07 2017

DDAGW - NWDO



HULL
BROWNFIELD
SHALE OIL & GAS
WASTE MANAGEMENT
ENVIRONMENTAL
ALTERNATIVE ENERGY

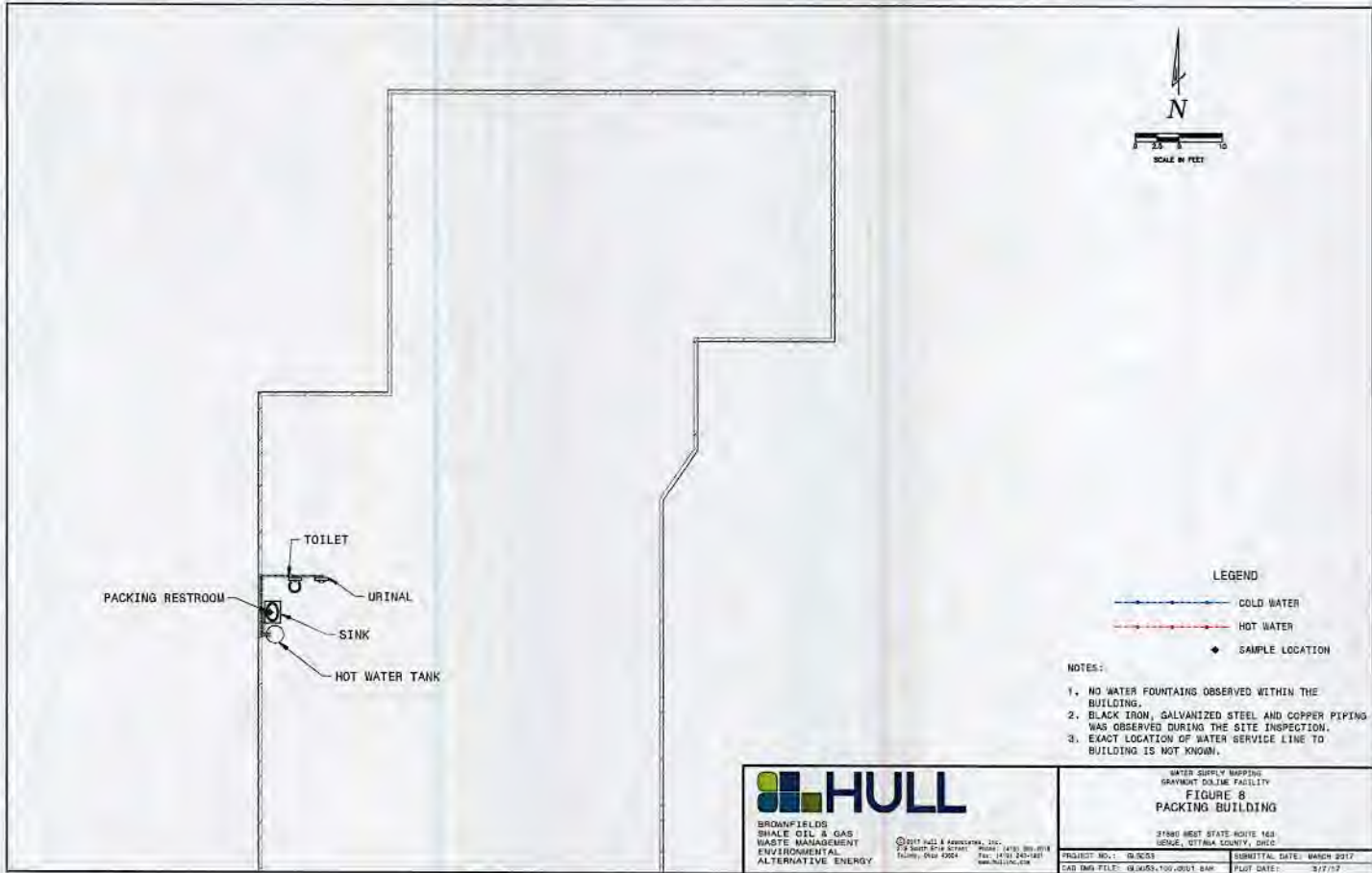
ENVIRONMENTAL ASSOCIATES, INC.
110 South Erie Street, Suite 1410, 44101-2719
Akron, Ohio 44302
Phone: (440) 240-2719
Fax: (440) 240-1081
www.hullenv.com

WATER SUPPLY MAPPING
GRAYMONT SOLID FACILITY
**FIGURE 9
MILL BUILDING**

2180 WEST STATE ROUTE 163
GENESE, OTTAWA COUNTY, OHIO

PROJECT NO.: 0-0093	SUBMITTAL DATE: MARCH 2017
CAD DWG FILE: 0-0023-100-0001-B04	PLOT DATE: 3/7/17

RECEIVED
 MAR 07 2017
 DDAGW - NWDO



HULL

BROWN FIELDS
 SHALE OIL & GAS
 WASTE MANAGEMENT
 ENVIRONMENTAL
 ALTERNATIVE ENERGY

2780 WEST STATE ROUTE 168
 WENDE, OHIO 43085

PROJECT NO.: 09055
 CAD DWG FILE: 09055_100_001.dwg

WATER SUPPLY MAPPING
 GRAYMONT COLIUM FACILITY
FIGURE 8
 PACKING BUILDING

2780 WEST STATE ROUTE 168
 WENDE, OHIO 43085

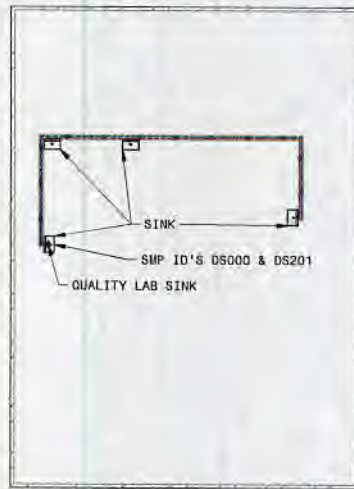
PROJECT NO.: 09055
 CAD DWG FILE: 09055_100_001.dwg

SUBMITTAL DATE: MARCH 2017
 PLOT DATE: 3/7/17

RECEIVED

MAR 07 2017

DDAGW - NWDO



LEGEND

- COLD WATER
- HOT WATER
- SAMPLE LOCATION

NOTES:

1. NO WATER FOUNTAINS OBSERVED WITHIN THE BUILDING.
2. BLACK IRON, GALVANIZED STEEL AND COPPER PIPING WAS OBSERVED DURING THE SITE INSPECTION.
3. EXACT LOCATION OF WATER SERVICE LINE TO BUILDING IS NOT KNOWN.



BROWNFIELD
SHALE OIL & GAS
WASTE MANAGEMENT
ENVIRONMENTAL
ALTERNATIVE ENERGY

Q2377-0-1 & Associates, Inc.
15 East 7th Street Phone: (419) 885-2378
Columbus, Ohio 43201 Fax: (419) 242-1981
www.q2377.com

WATER SUPPLY MAPPING
GRANDVIEW OILFIELD FACILITY
FIGURE 7
LABORATORY

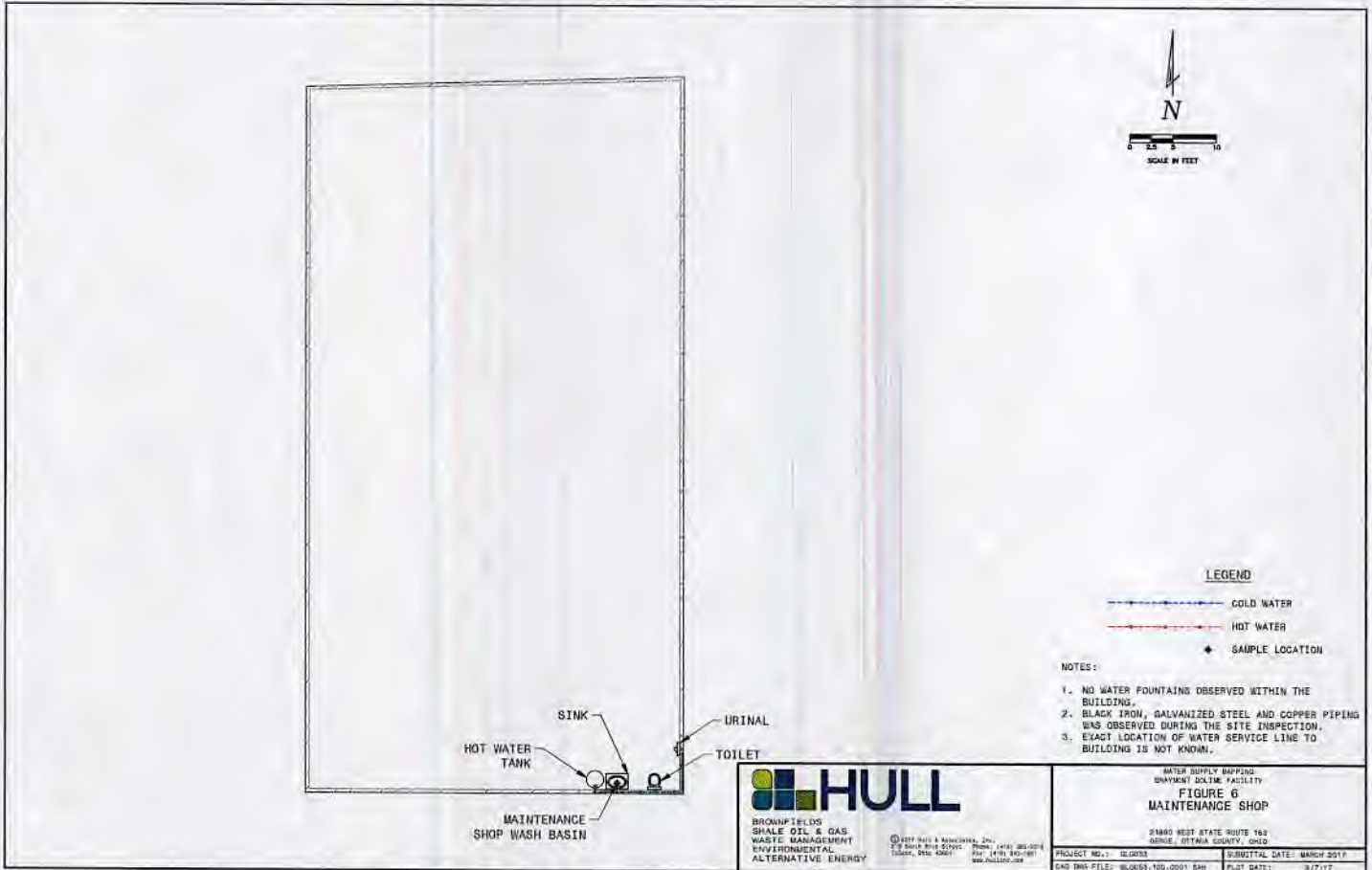
21800 WEST STATE ROUTE 183
SENECA, OTTAWA COUNTY, OHIO

PROJECT NO.: R-6055	SUBMITTAL DATE: MARCH 2017
CAD DWG FILE: 218003-101-0001-040	PLOT DATE: 3/7/17

RECEIVED

MAR 07 2017

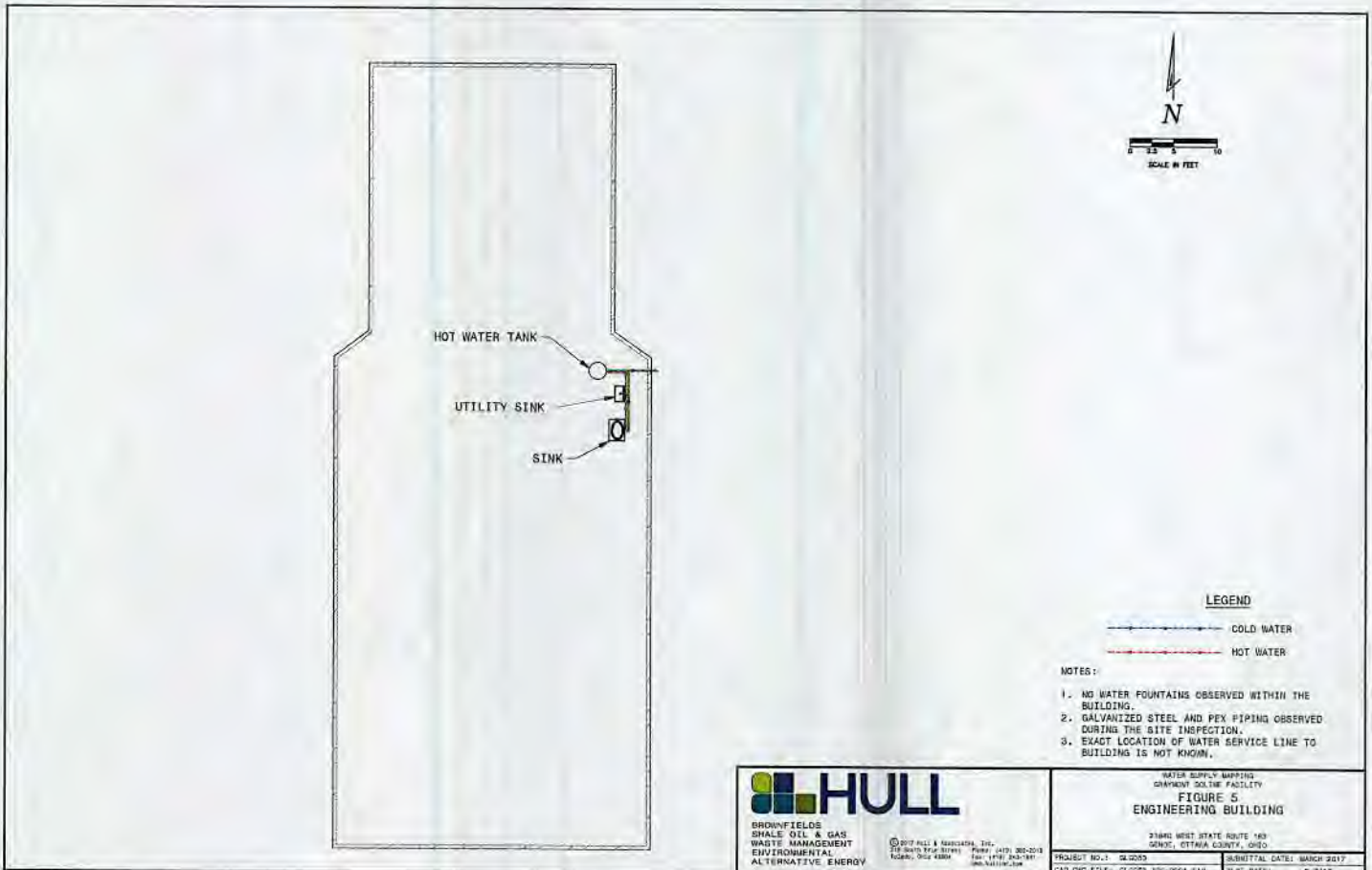
DDAGW - NWDO



RECEIVED

MAR 07 2017

DDAGW - NWDO



LEGEND

--- COLD WATER
--- HOT WATER

NOTES:

1. NO WATER FOUNTAINS OBSERVED WITHIN THE BUILDING.
2. GALVANIZED STEEL AND PEV PIPING OBSERVED DURING THE SITE INSPECTION.
3. EXACT LOCATION OF WATER SERVICE LINE TO BUILDING IS NOT KNOWN.

HULL
BROWNFIELD
SHALE OIL & GAS
WASTE MANAGEMENT
ENVIRONMENTAL
ALTERNATIVE ENERGY

© 2017 HULL & ASSOCIATES, INC.
25 SOUTH HIGH STREET, FLOOR 201, 430-2018
COLUMBUS, OHIO 43260
TEL: 614.243.7881
WWW.HULL-INC.COM

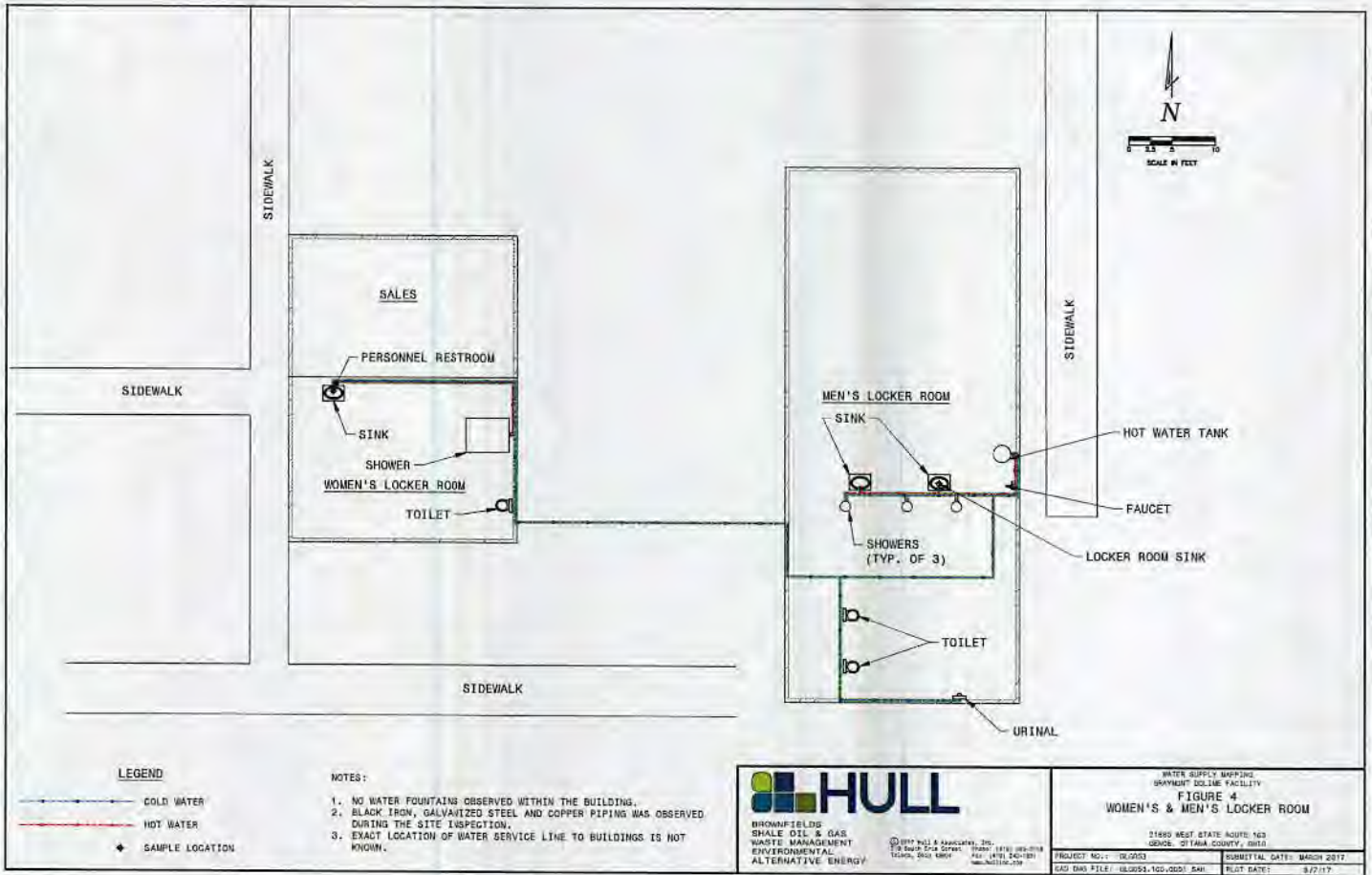
WATER SUPPLY MAPPING
CHRYSLER SOLAR FACILITY
**FIGURE 5
ENGINEERING BUILDING**
21800 WEST STATE ROUTE 149
GENEO, OHIO 43024, OHIO

PROJECT NO.: SL0205	SUBMITTAL DATE: MARCH 2017
CAD DWG FILE: 04-0025-FIGURE05.dwg	PLT DATE: 3/7/17

RECEIVED

MAR 07 2017

1 E. ...



RECEIVED

MAR 07 2017

DDAGW - NWDO

