



IOWA DEPARTMENT OF NATURAL RESOURCES

**Monitoring Well/Piezometer
Abandonment Form**Disposal Site Name: Fremont County Sanitary Landfill Permit No.: 36-SDP-01-74PWell/Piezometer No.: MW-15

Applicable Requirements¹: ☒ 567 IAC 113 ☐ 567 IAC 139
☐ 567 IAC 114 ☐ Site Permit
☐ 567 IAC 115 ☐ Other: _____

1. Location of Well²Site Coordinates: Northing: N261800.65 Easting: E1049157.72

World Coordinates: Latitude: _____ Longitude: _____

2. Well Description:Well depth: 25.5 bgs ftDepth to water: 8.5 ft.Well material: PVC (PVC, stainless, iron, etc.)Well diameter: 2.0 in.Year or decade constructed: 2007Abandonment date: 6/16/26Abandonment method: IAC 113.10(2)"d" - by over-drilling to original depth/diameter & tremie grouting from the bottom-up.

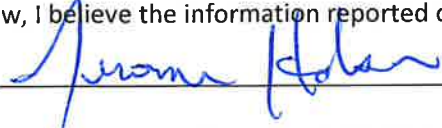
If plugged by owner, complete the following:

I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Owner _____

If plugged by certified well contractor, complete the following:

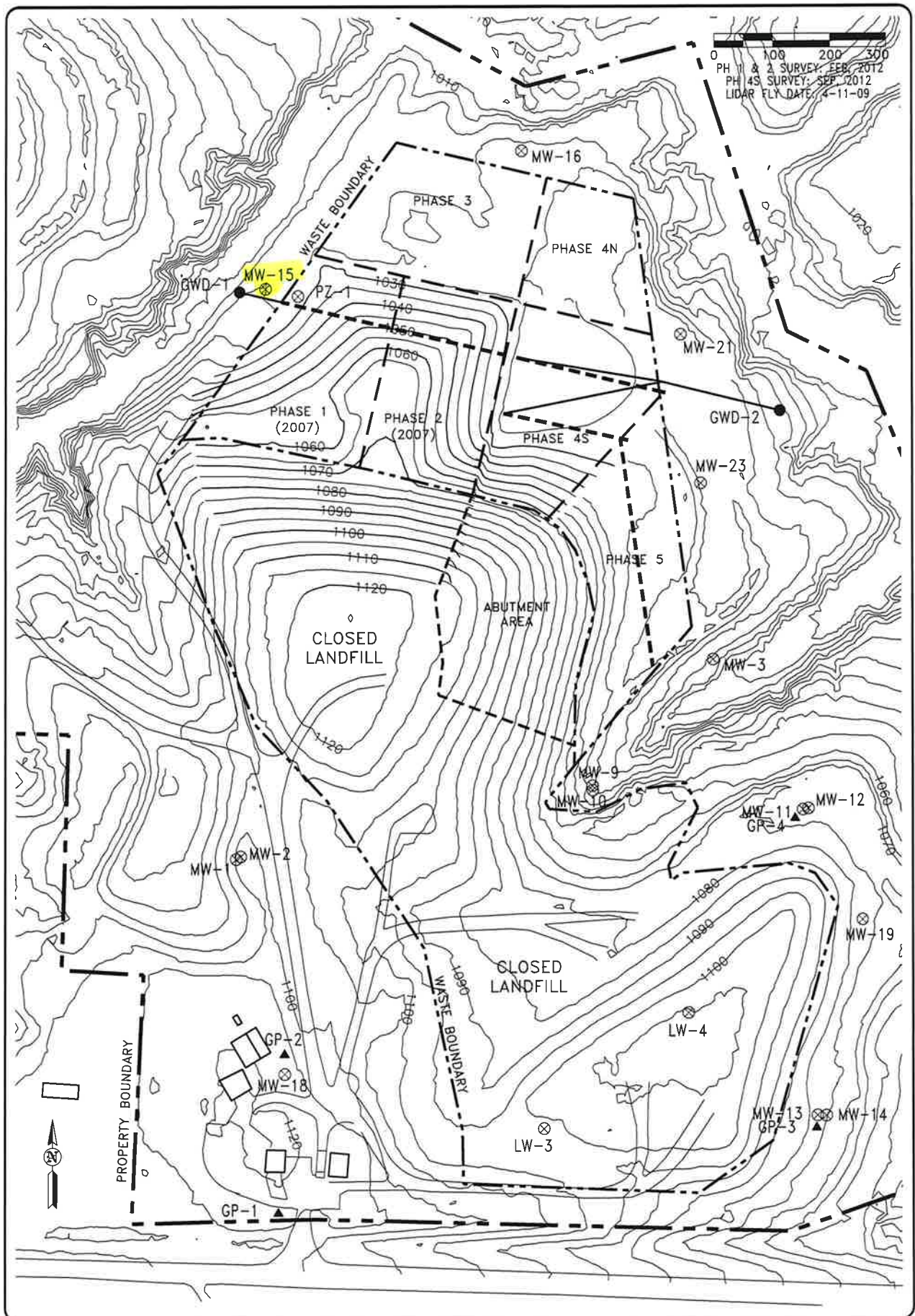
I certify, under penalty of law, I believe the information reported on this form is true, accurate, and complete.

Signature of Contractor:  Cert No: 9062

Complete one form for each well plugged and submit within 30 days to the local county agent, DNR project officer, and Erik Day with the DNR's Water Supply Section at erik.day@dnr.iowa.gov.

¹ Refer to the site's permit to determine applicable requirements. Note that some sites may only be regulated by their permit versus current landfill chapters. If the permit and rule are silent regarding applicable requirement, then 567 UAC Chapter 39 shall apply, which requires use of the Abandoned Water Well Plugging Record, not this form. If the applicable requirements have been modified and approved by the DNR, then note under Other.

² The location does not need to be surveyed by a licensed surveyor. A handheld GPS reading accurate to +/- 30 feet is acceptable and include with this form an aerial photograph showing the location. The site coordinates should be the same coordinate system currently used for survey control and mapping of the site.



MONITORING WELL/PIEZOMETER CONSTRUCTION
DOCUMENTATION FORM

Disposal site name FREEMONT COUNTY SANITARY LANDFILL Permit # 36 SDP- 1 -74 P
Well or Piezometer # MW-15 Date Started 11-14-07 Date Completed 11-14-07

A. Surveyed Locations and Elevations

Location (+/- 5 ft):

Specify corner of site N/A
Distance and direction
along boundary N 261800.65
E 1049157.72
Distance and direction
from boundary to well _____

Elevations (+/- 0.01 ft. MSL):

Ground surface 1022.8
Top of protective casing 1025.58
Top of well casing 1025.26
Benchmark elevation ON-SITE
Benchmark description _____

B. Soil Boring Information

Name and address of construction company

REWERTS WELL COMPANY
1133 NINTH STREET
NEVADA, IOWA 50201

Name of driller JUSTIN REWERTS
Drilling method HAS
Drilling fluid N/A
Bore hole diameter 8.25"
Soil sampling method CONTINUOUS
Depth of boring _____

C. Monitoring Well Installation

Casing material PVC
Length of casing 17.9
Outside casing diameter 2.375
Inside casing diameter 2.067
Casing joint type FLUSH THREADED
Casing/screen joint type FLUSH THREADED
Screen material PVC
Screen opening size 0.010"
Screen length 10.0
Depth of well 27.9 FROM TOP PVC

Well installation, continued

Filter pack:

Material SILICA SAND
Grain size 0.65
Volume 5 CUBIC FEET

Seal (minimum 3 ft. length above)

filter pack:

Material Bentonite Chips 3/8"
Placement method POURED THROUGH HAS
Volume 2.4 CUBIC FT

Backfill (if different from seal):

Material CUTTINGS
Placement method BACKFILLED
Volume 2 CUBIC FT

Surface seal design:

Material of protective casing
ALUMINUM

Material of grout between protective
casing and well casing:
CEMENT

Protective cap:

Material STEEL
Vented? ☒ Yes ☐ No
Locking? ☒ Yes ☐ No

Well cap:

Material PVC
Vented? ☒ Yes ☐ No

D. Groundwater Measurement

Water level (+/- 0.01 ft. below top
of inner well casing) 19 FT
Stabilization time 2 HOURS
Well development method HAND BAILING

☐ Upgradient Well ☒ Downgradient Well
(See piezometric map from Hydrogeologic study)
Average depth of frostline _____

Attachments: Driller's log, Pipe schedules and grouting schedules, 3 1/2 inch x 11 inch map showing location of
all monitoring wells and piezometers.

