ADDENDUM NO. 1

PROJECT: Benton County Sanitary Landfill
Leachate Storage Lagoon

PROJECT NO.: 6043-23B.440

BID RECEIPTS: **March 18, 2025 at 11:00 AM Local Time**

DATE: March 11, 2025

TO: ALL PLAN HOLDERS AND BIDDERS

The Bidder shall note receipt and make acknowledgement of this addendum on the bid form, incorporating its provisions in their bid.

Section 01100 – Project Requirements
Change the following references in Section 01100:

Figure 18 to Figure 18 AD-1

Bid Item 17, LEACHATE CONVEYANCE PIPE, DUAL WALL, 10" BY 14":
10" (SDR 11) by 16" (SDR 17) may be used at the Contractor's discretion. There will be no price adjustment if 10" by 16" pipe is used.

Replace Bid Item 20 with the following:

20. **LOADOUT PIPE:** Work under this item shall include all labor, materials, and equipment to install the loadout pipe at the locations shown on Figures 18 AD-1 and 19. Pipe and fittings materials shall be 4" Schedule 80 PVC pipe. Pipe shall be attached to the loadout pipe support using stainless steel straps or clamps. Straps to be placed at a maximum spacing of 3'. Pipe joints shall be solvent welded. Cost of bends and fittings required for installation and connections shall be included in this item.

The loadout pipe will pass through the top of the loadout manhole. The loadout pipe penetration shall be sealed with grout and the loadout pipe shall be placed to not conflict with access door operation, pump removal, use of cleanout, or valve operation.

Incidental to this item is the rubber hose shown on Figure 19. Hose to be connected to the loadout pipe using a mechanical coupling.

Two ball valves shall be installed in the loadout pipe at the approximate locations shown on Figure 18 AD-1. The ball valves shall be Type-21/21A as manufactured by Ashai/America or preapproved equal. One of the ball valves shall be connected to a 4" stainless steel female camlock connection as shown on Figure 18 AD-1. Connections to the valves and the camlock shall be as per manufacturers recommendations. The Contractor shall be responsible to confirm compatibility with landfill equipment prior to ordering the camlock. Valves and camlock are incidental to this item.

The horizontal portion of the loadout pipe shall be supported with an adjustable pipe support and clamp in two locations, at the elbow location shown on Figure 18

AD-1 and at the loadout (to replace the welded pipe support bracket). Cost of supports/clamps is incidental to this item.

The contractor shall remove all cuttings and solids from the pipes prior to installation. All pipe trench excavation, bedding and backfill, elbows and fittings, connections to the loadout structure, valves, and camlock shall be incidental to this item. Payment for work under this item is per linear foot of pipe installed as measured by the Engineer.

Figures

The following figures are included with this addendum:

Figure 18 AD-1

A revised Figure 18 is included changing the rim elevation of the loadout manhole and revising the notes to replace the welded pipe support bracket with adjustable supports/clamps.

ATTACHMENTS:

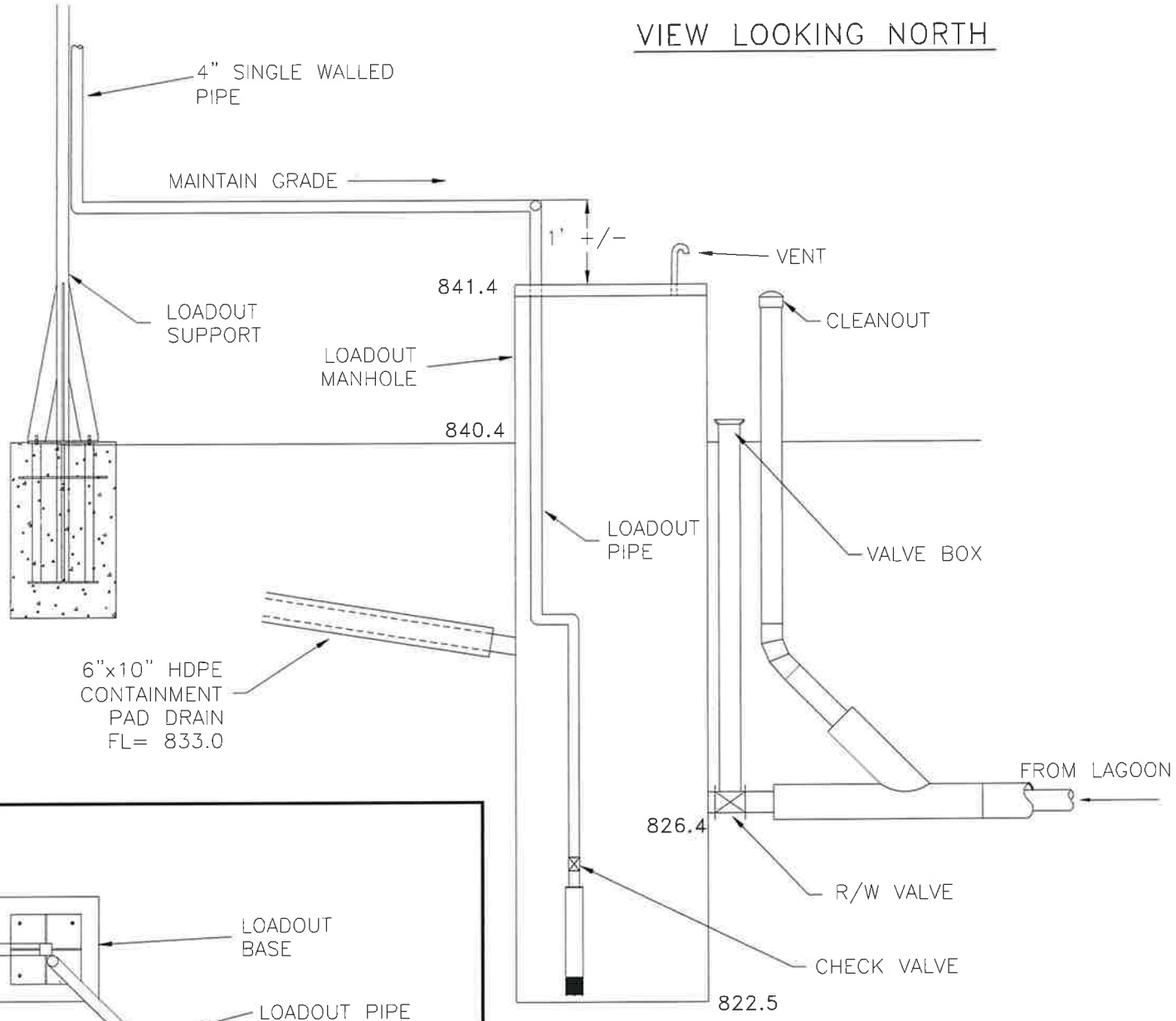
Revised Figure 18 AD-1

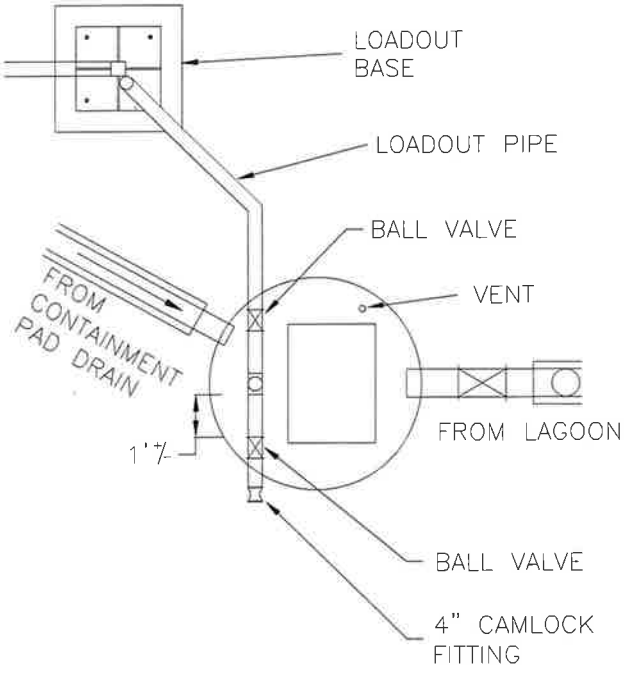
Addendum #1 from Riesberg Engineering Company

Prepared by
HLW Engineering Group
204 West Broad, PO Box 314
Story City, IA 50248

HLW PN: 6043-23B.440

VIEW LOOKING NORTH





NOTES:

1. INTERNAL COMPONENTS OF LOADOUT MANHOLE (PUMP, RAIL SYSTEM, DISCONNECT, PULLOUT, DISCHARGE PIPE, ETC.) NOT SHOWN IN DETAIL AND TO BE BASED ON MANUFACTURER'S RECOMMENDATIONS.
2. BLOCK/SUPPORT PUMP SO PUMP BASE SITS APPROXIMATELY 1 FT ABOVE BASE OF MANHOLE.
3. LOADOUT PIPE SHALL BE ORIENTED TO NOT CONFLICT WITH ACCESS HATCH OPERATION, PUMP REMOVAL, USE OF CLEANOUT, OR VALVE OPERATION.
4. INSTALL PIPE STANDS/CLAMPS AT TWO (2) LOCATIONS – SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.

HLW Engineering Group

PUMP STATION
LEACHATE STORAGE LAGOON

BENTON COUNTY SANITARY LANDFILL
BLAIRSTOWN, IOWA

FIGURE: 18 AD-1

REVISION	NO.	DATE
DRAWN JGH	PROJECT NO. 6043-23B	DATE 3/07/25

RIESBERG
Engineering Company
18395 - 170th Street, Perry, Iowa 50220
Ph. (515) 822-1609 www.riesberg-engr.com

ADDENDUM #1

Re: Leachate Storage Lagoon Benton County Landfill Blairstown, Iowa	**By:** Brian D. Riesberg, P.E.
Date of Addendum: 11 Mar 2025	**Riesberg Engineering Project Number:** 23-015

Scope of this Addendum:

The following becomes a part of the original Drawings and Project Manual, taking precedence over those items that may conflict.

The Bidder shall note receipt and make acknowledgement of this addendum on the bid form, incorporating its provisions in their bid.

This addendum has been issued to all bidders and to all others to whom Drawings and Project Manuals have been issued by the office of the Architect/Engineer.

1. Figure E3 Electrical Materials Schedule
    a. Item 7, PO-1: Total quantity required is incorrectly indicated as (2) two. Correct quantity is (4) four. See site plan for locations of PO-1, and one-line diagram for confirmation.
    b. Item 8, PI-1: Total quantity is confirmed as (1) one.
    c. Item 14 TVS-1: Surge suppressor device shall be manufactured by same manufacturer as Panel H and Panel L.
2. Figure E2 detail 1 One-Line Diagram,
    a. General note 4. Clarification of mining cable. Type G mining cable is not buried, not in conduit, lies directly on the ground. It is used as a heavy duty industrial use extension cord.
    b. Tagged note 2. One line diagram note concerning service cables is in conflict with tagged note 2. Tagged note 2 is correct, cables/conduit by Contractor. Tagged note 2 instructs terminations by Utility. That applies only to cables at the transformer. Termination of cables at meter base is by Contractor.
    c. Tagged note 4. Installation of TVS-1 inside panel H as an integral part of the panel is allowed and preferred. Exterior mount surge suppressor is allowed if needed not delay panel and suppressor on-site schedule.
    d. Tagged note 7. Clarification of Ecomister Power/Control panel:
        i. This panel and all its contents is supplied fully assembled by Ecomister, and comes pre-mounted on a large pump skid, which also has a mounted Evap pump and motor.

ii. Power wiring from the pump panel to the Evap Pump motor is completed by Ecomister, not by contractor.

iii. Ecomister panel requires contractor efforts to mount an external wind direction and speed sensor (supplied by Ecomister, shipped with control panel) directly to the control panel and connect lead wiring to the internal controller.

iv. Contractor's efforts includes mounting two power outlets and the incoming cable to the bottom of the panel and connect all incoming cord to panel internal power terminal block and power outlets to internal motor starters. See tagged notes 8 and 9.

v. Contractor's efforts include mounting a junction box to the floating barge that the primer pump is mounted to. See tagged note B.

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Brian D. Riesberg

11 MAR 2025

Brian D. Riesberg

Date

My license renewal date is: 31 DEC 2025

Sections covered by this seal: Addendum #1

End of Addendum #1