



Gas Processing Facility Inspection Form

Section 1: General Information

Operation Data	Inspection Data
Operator Name: NW Gas Processing LLC / SROG	Inspector Name: James Thum
Location Name: Little Willow Gas Gathering Facility	Area Office: Boise / Director's office
Authorized Contact: Dan Johaneck (208) 707-7867 Tyler Hartung (208) 412-5475	Inspection Date: 6/20/2023 11:00 AM
County: Payette	Report Date: 6/23/2023
Inspector's Signature: <i>James Thum</i> Date of Signature: 6/23/2023	Inspection Summary: <input type="checkbox"/> Operation appeared to be in compliance at the time of the inspection. <input checked="" type="checkbox"/> Issues of concern identified at the time of the inspection.

Location Description: 4649 Little Willow Road, Payette ID 83661. SE side of Little Willow Road, 2.5 miles NE of the intersection of Idaho SR 52, 6 miles east of Payette ID. Weather- 56°F, partly cloudy, calm winds. Production appears to be shut-in.

Section 2: Location of Plant IDAPA 20.07.02.430

- Is the facility located at least 300 feet from :
(Only mark N/A for Original Portion of Hwy 30 Plant or LW Facility as constructed prior to 4/11/2015)
 - Existing Occupied Structures? N/A Yes No
 - Water Wells? N/A Yes No
 - Canals and Ditches? N/A Yes No
 - Natural or Ordinary High Water Mark or Surface Waters? N/A Yes No
- If the answer to A or B above is no, is there express written Permission from the owners of the above to allow the facility to be closer than 300 feet? N/A Yes No
- If there is owner permission for the above to be closer than 300 feet, are water wells and existing occupied structures at least 100 feet from the plant? N/A Yes No

Section 3: Operations IDAPA 20.07.02.430

- Has the operator notified the department of which wells, by API number, are being served by the facility? Yes No
- Does the operator have a flaring permit from the IDEQ? Yes No
- Do the staff demonstrate knowledge of all operations and locations of:
 - Emergency shut off equipment? **No staff on duty at time of inspection** Yes No
 - Direction of Flow Lines? **Marked by arrows** Yes No
 - Heat Exchangers? Yes No

4. Have all meters been calibrated within the past calendar year and are records of calibration maintained for the past five years? Yes No
5. Are all meters accessible and viewable? Yes No
6. Is there supervisory control and data recording system in place to monitor the liquids and gas in the facility? **SCADA system** Yes No
7. Is all gas and liquids entering and leaving the facility accounted for within a data recording system or logbook? **SCADA system** Yes No

Section 4: Location Operations

IDAPA 20.07.02.301

1. Is the facility site fenced? Yes No
 A. If yes;
 i. Was the fence installed within 60 days of completing facility construction? Yes No
 ii. Does the fence appear to:
 a. Maintain safe working conditions? Yes No
 b. Secure the facility site? **Note: gate was open, facility not staffed** Yes No
 c. Prevent access by wildlife and livestock? Yes No
2. Are chemicals stored and maintained in accordance with all applicable MSDS requirements? Yes No
3. Are all materials related to operations palletized? Yes No
4. Do all vehicles or materials on the site appear to be in use? Yes No
5. Is there less than 5% vegetation on site? Yes No
6. Is the site free from all trash, debris, or scrap metal on site? Yes No
 A. If no, is all trash, debris and scrap metal pending removal kept in a wind proof container and appear emptied regularly? N/A Yes No
 B. If trash or debris constitutes a fire hazard, is it removed to at least 100 feet from the facility, tanks or separators? N/A Yes No

Section 5: Accidents and Fires

IDAPA 20.07.02.302

1. Is the emergency response plan available for use or inspection? Yes No
 A. If yes, does the operation appear to be consistent with the response plan? Yes No
2. Is the location free of evidence of recent fires?
 A. If no, have they been properly reported? N/A Yes No
3. Ask for a spill prevention and countermeasures plan. (SPCC can be located in company office). Are they aware of it? Yes No

Located in company office in New Plymouth; 10 miles / 15 minutes from LW

Section 6: Submitted Documentation**IDAPA 20.07.02.430**

1. Has the operator submitted an as-built facility design plan that contains the minimum as required in rules? **See Section 8 comments** Yes No
2. Has a monthly report been submitted accounting for receipt, processing, and disposition of all gas by the gas processing facility within the reporting period per Idaho Code § 47-324 (1) (b)? N/A Yes No
- A. Was this report received by the 14th day following the end of the second month following the reporting period? N/A Yes No

Section 7: Tank Batteries**IDAPA 20.07.02.420**

1. Are all tank batteries located at least 300 feet from any existing: **(Note: constructed prior to 4/15/2015)**
- A. Occupied structures? Yes No
- B. Water wells? Yes No
- C. Canals? Yes No
- D. Ditches? Yes No
- E. Natural or ordinary high water mark of surface waters? Yes No
2. Is location at least 50 feet from highways when measured from outermost portion of the tank dike? Yes No
3. Are all tanks containing produced fluids or crude oil surrounded by tank dikes? Yes No
4. Are all tanks equipped to receive produced fluids surrounded by tank dikes? Yes No
- A. If yes;
- i. Do the dikes have a capacity of at least 1 ½ times the volume of the largest tank? **See calculations in Section 8 Comments** Yes No
- ii. Is all piping and manmade improvements that perforate the dike wall or tank battery floor sealed to a minimum radius of 12" from outside edge of the piping or improvement? Yes No
- iii. Are valves and quick-connect couplers at least 18" from inside wall of tank dike? **Outside with shut-off, spill control devices (see #5)** Yes No
- iv. Is vegetation on top and outside surface properly maintained? Yes No
- v. Is a ladder or other permanent device installed over the tank dike to access the containment reservoir? **Not always utilized** Yes No
- vi. Is containment reservoir free of vegetation, storm water, produced fluids, other oil and gas field related debris, trash or flammable material? Yes No
5. Do drain lines have a valve installed, closed and capped off if not in use? Yes No

Section 8: Inspection Comments**Comments and Issues of Concern:**

Section 6 Comments: As-built facility plans will need revisions submitted to reflect dual compressors installed to replace single compressor, new installation of 6-finger slug catcher and de-commissioned well separator units.

Section 7 Comments:

“Northwest (oil)” tank dike volume calculations (See Section 7 above):

Inside dike dimensions: 28 inches high X 95 feet long X 50 feet wide = 11,083.33 feet³

1 US barrel = 5.61 feet³ 400 bbl = 400 X 5.61 feet³ = 2244 feet³

11,083.33 feet³ / 2244 feet³ = 4.94 times (minimum requirement = 1.5X per IDAPA 20.07.02.420.02.a)

“Southeast (produced water)” tank dike volume calculations (See Section 7 above):

Inside dike dimensions: 28 inches high X 80 feet long X 50 feet wide = 9,333.32 feet³

1 US barrel = 5.61 feet³ 400 bbl = 400 X 5.61 feet³ = 2244 feet³

9,333.32 feet³ / 2244 feet³ = 4.16 times (minimum requirement = 1.5X per IDAPA 20.07.02.420.02.a)

General Comments:

All production appears to be shut-in on day of inspection. Facility in need of general clean-up from on-going maintenance and recent upgrade installations for compressors and slug catcher. An additional dual gate has been installed at the west side of the perimeter fence and the western end of the slug catcher. Gate was locked on day of inspection.

Portable spill containment berm has been relocated to the east corner / southeast side of the facility to accommodate the slug catcher installation. The northwest side of the berm was not staked and was lying flat which would not contain any potential spills.

Condensate separator appeared to be inoperable and undergoing leak repairs.

Section 9: Attachments

List any and all attachments including photos, samples, documents, etc.
68 photos taken, all in Facilities folder



View west of 6-finger slug catcher with gathering system riser on left.



Detailed view of east side of 6-finger slug catcher, looking west.



Detailed view of west side of 6-finger slug catcher, looking north.



View north of new compressors installed to replace the former single compressor.



View north of well separator units. From left to right: combined well (Kauffman 1-34, ML 1-3, ML 2-3), ML 3-10, ML 2-10 and ML 1-11 UT. ML 1-11 LT separator has been removed.



Temporary storage location of equipment and materials being utilized for current maintenance and installation operations. Stockpile is located in the northeast corner of the facility. View is south-southeast. Portable spill containment berm with palletized chemicals in background center.



Portable spill containment berm with palletized chemical containers, east side of facility. View is southwest. Spill containment berm is not staked properly and north perimeter is flat.



400 barrel produced water tanks and southeast side of containment dike, view southwest. Equipment inside containment dike from recent maintenance and installation operations. Worn foot paths over the dike indicates the access ladders are not being fully utilized and the liner is exposed in multiple areas on both dikes.