

Inspection Checklist for Host Municipality Inspectors
for
MUNICIPAL WASTE LANDFILLS

Inspector Name: Donald Bowman, Colliers Engineering & Design **Inspection Date:** 09/29/2022 **Start Time:** 10:00am

Finish Time: 11:00am

Facility Name: Chrin Brothers Sanitary Landfill

Facility Address: 1225 Industrial Drive, Easton (Williams Twp.) PA 18042

Facility Contact Person/Title/Phone Number: Tom McMonigle (610) 258-8737

DAILY OPERATION REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES
Trucks using designated roads/approved parking areas per permit	X				
Operations conducted during permitted operating hours	X				
Access controlled per plan	X				Facility is fenced with locks for gates
Access road(s) maintained (erosion, dust, litter, mud etc.) per plan	X				
Waste measured according to approved plan	X				Certified vehicle scales in use during inspection
Vehicles directed promptly to unloading area	X				
Vehicles promptly unloaded	X				Trucks tipped at active working face 3E during inspection; cell 3E began operation November 2021, has only a couple weeks of capacity left then filled. Cell 9A filled in the past year, waiting for PADEP approval for new cell 9B, for which construction finished in August 2022 – has black 12 mil liner so that runoff can be managed as stormwater and not leachate.
Inspection procedures implemented for prohibited wastes per plan	X				
No unapproved wastes	X				
Solid waste spread and compacted into layers per plan	X				
Procedures followed within 1 st 8 ft. to protect liner/protective cover				X	
No waste <25 ft. from edge of liner, 4 ft. berm, edge marked, etc.	X				
Procedures followed for special handling and residual wastes	X				
No open burning	X				
Fugitive dust emissions minimized and controlled per plan	X				
Vectors minimized and controlled per plan	X				
Odors minimized and controlled per plan	X				Perimeter demisters in operation
Other nuisances minimized and controlled per plan	X				
Litter minimized and controlled per plan	X				
Daily waste acceptance < ave. 1,500 tons and max. 2,000 tons daily vol.	X				43 overweight trucks in August, 106(?) overweight trucks in July; average 2,000-3,000 trucks per month, so maybe 2 trucks overweight on a typical day
Radiation monitoring system operational	X				No exceedances this month
Radiation protection action plan followed as appropriate	X				
Approved daily cover used at end of day or within 24 hours	X				Daily cover either soil or tarps
Vegetation established and maintained per plan	X				
Surface and groundwater pollution discharges prevented/controlled	X				
Water treatment facilities operated and maintained	X				New leachate tank foundation (near the scalehouse) about to be

					poured
Soil and erosion control BMPs are maintained per plan				X	
Sedimentation and discharge structures operated and maintained	X				
Flow from leachate collection system monitored daily	X				
Leachate treatment facilities operated and maintained	X				
Landfill gas controlled per plan	X				
Daily operational records being made and maintained (i.e. waste received, problems, violations, rejected loads, radioactive mat., overweight trucks, etc.)	X				
Cost effective recyclable materials are being salvaged				X	
Salvaged materials are stored in an approved area	X				
Recyclable materials collection center maintained	X				
No immediate threats to public health and safety	X				

Additional Comments: _____

Inspector Signature: Donell Bonn

Date: 09/29/2022 (revised 10/12/2022)

Facility Name: Chrin Brothers Sanitary Landfill

Facility Address: 1225 Industrial Drive, Easton (Williams Twp.) PA 18042

DESIGN and CONSTRUCTION REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES
Proper signs posted (Identify facility and recycling drop-off center)	X				
Grid coordinate system and permit areas clearly marked	X				
Site perimeter clearly marked	X				
Perimeter fences and barriers in place and maintained	X				
Access roads properly designed and constructed per plan	X				
Scale conforms with Consolidated Weights and Measures Act				X	
Adequate equipment on-site and stand-by equipment available				X	
Fences or other barriers to control litter are constructed per plan				X	
Radiation monitoring system constructed per plan				X	
Daily and intermediate cover material conforms with plan				X	
Final cover conforms with plan				X	
Soil and erosion control BMPs implemented per plan				X	
Sedimentation ponds constructed per plan				X	
Discharge structures constructed per plan				X	
Subbase constructed according to regulations				X	
Secondary liner constructed per regulations and approved plan				X	
Leachate detection system installed per regulations				X	
Primary liner constructed per regulations and approved plans				X	
Protective cover constructed per regulations				X	
Leachate collection system installed according to regulations				X	
Leachate storage impoundments constructed per regulations				X	
Leachate treatment system constructed per plans				X	
Wastewater treatment equipment constructed per <u>discharge</u> permit				X	
Groundwater monitoring wells installed per plan				X	
Landfill gas collection and destruction system constructed per plan				X	
Air pollution control equipment constructed per <u>air</u> permit				X	
Emergency equipment available per regulations and plan				X	
Recyclable materials collection center established per plan				X	
MONITORING and RECORDKEEPING REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES
Flow from leachate <u>detection</u> system monitored weekly				X	
Potential for offsite odors inspected on a regular and frequent basis				X	PADEP (Matthew Glogowski) inspection on 09/27. PADEP (Amy Faulch, Mathew Vipond, Jeremy Scheivert) waste hauler inspection on 09/28.
Liquid from leachate detection system analyzed quarterly				X	
Liquid from leachate <u>collection</u> system analyzed quarterly				X	MJ Rider (consultant for the City of Easton) did water testing on the blue

					leachate tanks – as it enters the municipal sewer system
Wastewater discharge analyzed per <i>discharge</i> permit (if applicable)	X				
Wastewater discharge complies with <i>discharge</i> permit limits	X				
Groundwater monitored and analyzed quarterly	X				Next event scheduled for 10/11-10/13
Landfill gas levels monitored quarterly	X				Observed gas wells ports sampling in progress by Chrin using a GEM monitor
Combustible gas levels not exceeded				X	
Recovered gas and condensate analyzed annually				X	
REPORTING REQUIREMENTS	Yes	No	NA	ND	COMMENTS/NOTES
Plan submitted if <i>detected</i> leachate > 100 gal/acre/day				X	
Remedial plan submitted if <i>detected</i> leachate could degrade GW				X	
Wastewater discharge reported as required by <i>discharge</i> permit				X	
Groundwater monitoring results reported quarterly	X				August 2022 Report submitted 08/01/2022
Groundwater assessment plan submitted if groundwater degraded				X	
Abatement plan submitted if groundwater exceeds Act 2 standards				X	
Public notice on recyclable materials collection center provided 2/yr.				X	
Quarterly Operation report submitted as required				X	
Annual Operation report submitted as required				X	

Comments: _____

Inspector Signature: Donall Bown

Date: 09/29/2022 (revised 10/12/2022)

Facility Name: Chrin Brothers Sanitary Landfill

Facility Address: 1225 Industrial Drive, Easton (Williams Twp.) PA 18042

OPTIONAL QUESTIONS on CHANGES	Yes	No	NOTES/IMPACT on CONFORMANCE
Owners/operators			
Employees/personnel			
Contractors/subcontractors			
Customers/waste generators			
Transporters/transfer stations			
Special or residual wastes			
Site volume/capacity			
Average or maximum daily volume			
Permitted acreage			
Access roads			
Cells/construction			
Operating equipment			
Leachate collection and treatment method			
Water pollution control equipment			
Gas monitoring or management plan			
Air pollution control equipment			
>10% increase in leachate/wastewater volume			
>10% increase in leachate/wastewater contaminants			
Newly closed cells			
Post closure land use			

Comments: Joe Black and Ray Abert from Williams Township also present for this inspection.

All landfill gas is being flared, as the landfill gas-to-energy contract with PPL expired and Chrin has not been able to negotiate a new contract, so Chrin shut down the landfill gas-to-energy plant a couple months ago.

Observed Backup Flare No. 4 not in use, but it is fired up monthly to ensure it is operable.

No odors noticed when arriving at landfill.


See attached "Chrin Brothers Sanitary Landfill Construction, Operations and Permitting Schedule For August 2022" with flare data for September 27, 2022

See attached "Chrin Brothers Sanitary Landfill Engineer's Report Summary for August 2022" dated Sept. 27, 2022

See attached "Chrin Landfill Daily Gas Collection System Operations Report" dated September 28, 2022

See attached "August 2022 Gas Well Data"

See attached "2021 Gas System As-Built" drawing prepared by Earthres dated May 13, 2021

Inspector Signature: 

Date: 09/29/2022 (revised 10/12/2022)

Daily Inspection Checklist for Host Municipality Inspectors
MUNICIPAL WASTE LANDFILLS

Inspector Name: _____ Inspection Dates: _____ Facility Name: _____ Facility Address: _____

DAILY OPERATION REQUIREMENTS	Sun	Mon	Tue	Wed	Thu	Fri	Sat	COMMENTS/NOTES
Trucks using designated roads/approved parking areas per permit								
Operations conducted during permitted operating hours								
Access controlled per plan								
Access road(s) maintained (erosion, dust, litter, mud, etc) per plan								
Waste measured according to approved plan								
Vehicles directed promptly to unloading area								
Vehicles promptly unloaded								
Inspection procedures implemented for prohibited wastes per plan								
No unapproved wastes								
Solid waste spread and compacted into layers per plan								
Procedures followed within 1 st 8 ft. to protect liner/protective cover								
No waste <25 ft. from edge of liner, 4 ft. berm, edge marked, etc.								
Procedures followed for special handling and residual wastes								
No open burning								
*Fugitive dust emissions minimized and controlled per plan								
*Vectors minimized and controlled per plan								
*Odors minimized and controlled per plan								
*Other nuisances minimized and controlled per plan								
*Litter minimized and controlled per plan								
Daily waste acceptance < ave. _____ and max. _____ daily vol.								
Radiation monitoring system operational								
Radiation protection action plan followed as appropriate								
Approved daily cover used at end of day or within 24 hours								
Vegetation established and maintained per plan								
Surface and groundwater pollution discharges prevented/controlled								
Water treatment facilities operated and maintained								
Soil and erosion control BMPs are maintained per plan								
Sedimentation and discharge structures operated and maintained								
Flow from leachate collection system monitored daily								
Leachate treatment facilities operated and maintained								
Landfill gas controlled per plan								
Daily operational records being made and maintained								
Cost effective recyclable materials are being salvaged								
Salvaged materials are stored in an approved area								
Recyclable materials collection center maintained								
No immediate threats to public health and safety								

Inspector Signature: _____ Date: _____ Key = Yes, No, *No (observed off-site), NA (not applicable), ND (not determined)

Monthly Summary Report of Daily Inspection Results
MUNICIPAL WASTE LANDFILLS

Inspector Name: _____ Month/Year: _____ Facility Name: _____ Facility Address: _____

DAILY OPERATION REQUIREMENTS	Days Insp.	Days Obs.	%	Sev.*	Trend	COMMENTS/NOTES
Trucks use designated roads/approved parking areas per permit						
Operations conducted during permitted operating hours						
Access controlled per plan						
Access road(s) maintained (erosion, dust, litter, mud, etc) per plan						
Waste measured according to approved plan						
Inspection procedures implemented for prohibited wastes per plan						
No unapproved wastes						
Procedures followed for special handling and residual wastes						
No open burning						
*Fugitive dust emissions minimized and controlled per plan						
*Vectors minimized and controlled per plan						
*Odors minimized and controlled per plan						
*Other nuisances minimized and controlled per plan						
*Litter minimized and controlled per plan						
Daily waste acceptance < ave. _____ and max. _____ daily vol.						
Approved daily cover used at end of day or within 24 hours						
Surface and groundwater pollution discharges prevented/controlled						
Water treatment facilities operated and maintained						
Soil and erosion control BMPs are maintained per plan						
Sedimentation and discharge structures operated and maintained						
Leachate treatment facilities operated and maintained						
Landfill gas controlled per plan						
Daily operational records being made and maintained						
Recyclable materials collection center maintained						
No immediate threats to public health and safety						
Other - Leachate < Act 2 Statewide Standard (see reporting reg.)						
Other - Groundwater < Act 2 Statewide Standard (see reporting reg.)						
Total						

Signature: _____

Date: _____

*Severity Index: Number of days non-conformance observed off-site.



Chrin Brothers, Inc. Sanitary Landfill Construction, Operations and Permitting Schedule For August 2022

Operations and Construction:

1. Working Face
Filling in Stage 9A (West).

2. Temporary Cap for Stage 8
Completed in June 2020. Winter 2020/2021 repairs are completed. Upper bench being prepared for temporary cap in 2022. The western half of the upper bench was regraded and rolled during April 2022.

3. Stage 3D Cap
Completed controlled fills for the Stage 3D permanent cap to be constructed in October 2022. Took delivery of the geosynthetics for the cap and began preparing the perimeter tie-in to the existing Stage 3D anchor trench. Cap liner installation is scheduled to begin on October 3, 2022.

4. Stage 9A (West) Construction
 - a. Southern fence line - complete
 - b. Tree clearing - completed.
 - c. Fence installation - complete
 - d. Cuts and fills to subbase - complete.
 - e. Subbase construction began in July 2021 and was completed in August 2021.
 - f. Liner construction on Phase A (western half of Stage 9) began on August 16, 2021 and was completed in September 2021.
 - g. The Form 37 for the subbase was submitted to PADEP on August 31, 2021 and approved on October 4, 2021. The Form 37 for the liner system was submitted on October 13, 2021 and approved on November 25, 2021. The Form 37 for the protective cover was submitted on October 20, 2021 and approved on November 17, 2021. The Form 37 for Increment 2 was submitted on February 3, 2022, and approved by PADEP on February 16, 2022.
 - h. Placement of the protective cover stone in Increment 3 was completed in late May 2022. The Form 37 for Increment 3 was submitted on June 14, 2022 and approved by PADEP on June 29, 2022.
 - i. Placed protective cover stone in Increment 4 in mid-August 2022. The Form 37 for Increment 4 was submitted on September 2, 2022.

5. Stage 9B (East) Construction
 - a. Drilling and blasting are ongoing and will continue through the second half of 2022. Blasting activity occurred on August 17, 2022.
 - b. The eastern section of Stage 9B was graded to final subbase elevation during July 2022. Placement of subbase soil was completed on July 5, 2022. The Form 37 for the Stage 9B Subbase was submitted to PADEP on August 1, 2022
 - c. Chenango Contracting completed installation of the Stage 9B liner system on August 5, 2022. The Form 37 for the Stage 9B liner system was submitted to PADEP on August 26, 2022.
 - d. Placed protective cover stone in Stage 9B Increment 1 in mid-August 2022. The Form 37 for Increment 4 was submitted on September 2, 2022.

6. Landfill Gas System
 - a. 8 gas wells were drilled in March 2022.

7. Leachate Storage Tank 004
 - a. Stowmwater channel completed to the south of the tank pad in the early Spring 2022.
 - b. Chrin drilled and blasted the tank pad area on July 28, 2022 and August 11, 2022. The tank subgrade was then prepared and was completed in August.
 - c. Mid Atlantic Storage Systems was scheduled to begin the tank foundation work in September 2022.

8. Permit Applications and Submissions:
 - a. There are no permit applications under consideration by PADEP at this time.

Flare Data 9/27/2022:

EPP: Flow – 0 scfm

Flare #3: Flow – 1520 scfm

Flare #4: Flow – 0 scfm

Flare #1: Flow – 0 scfm



**CHRIN BROTHERS SANITARY LANDFILL
ENGINEER'S REPORT SUMMARY
For August 2022**

Date: September 27, 2022

1. Site Operations:

a. Average Daily Permitted Volume	<u>1500 Tons</u>	Tons
b. Maximum Daily Permitted Volume	<u>2000 Tons</u>	Tons
c. Permitted Area	<u>138.3</u>	Acres
d. Permitted Disposal Area	<u>105.66</u>	Acres
e. Number of Capped Acres	<u>24.87</u>	Acres
f. Number of Temporary Capped Acres	<u>12.26</u>	Acres
g. Number of Acres Constructed	<u>77.14</u>	Acres

2. Radiation Monitoring:

a. Number of Trucks that Tripped the Radiation Meter	<u>0</u>
b. Number of Trucks on Hold or Rejected	<u>0</u>

3. Truck Safety & Overweight's:

a. Number of Overweight Trucks	<u>43</u>
b. Number of Trucks Rejected Due to Overweight	<u>0</u>

4. Leachate Management:

a. Total Leachate Flow from Combination Sumps/Gravity	<u>2,182,659</u>	Gallons
b. Depth Levels	<u>Normal</u>	
c. Leachate Detection/Witness Zone Flow:		
i. WZ5	<u>5.6</u>	g/a/d
ii. WZ6	<u>0.0</u>	g/a/d
d. Average Daily Flow	<u>70,408</u>	Gallons/Day
e. Leachate Hauled Off Site	<u>0</u>	Gallons

5. Leachate Storage:

a. Total Influent Storage Capacity	<u>1,490,125</u>	Gallons
b. 25% Influent Storage Capacity	<u>326,500</u>	Gallons
c. Current Wastewater Stored	<u>2.1</u> ft. =	<u>42,000</u> Gallons

6. Reports Submitted

a. Quarterly Progress Report	<u>Q2 2022 submitted on July 7, 2022</u>
b. Groundwater Treatment Monthly Report	<u>August Report -Submitted August 1, 2022</u>



Chrin Landfill Daily Gas Collection
System Operations Report

9/28/2022
Daily Report

FLARE 1 DATA		
	Flowrate (CFM)	Op. Temp. (F)
MIN:	0	-200
MAX:	0	-200
AVG:	0	-200

FLARE 3 DATA						
	Flowrate (CFM)	Vacuum (In WC)	Pressure (In WC)	Temp. (F)	Methane (%)	Oxygen (%)
MIN:	1396	-36.4	8.7	1720	0.0	0.0
MAX:	1616	-32.9	11.9	1775	0.0	0.0
AVG:	1487	-34.6	9.9	1749	0.0	0.0

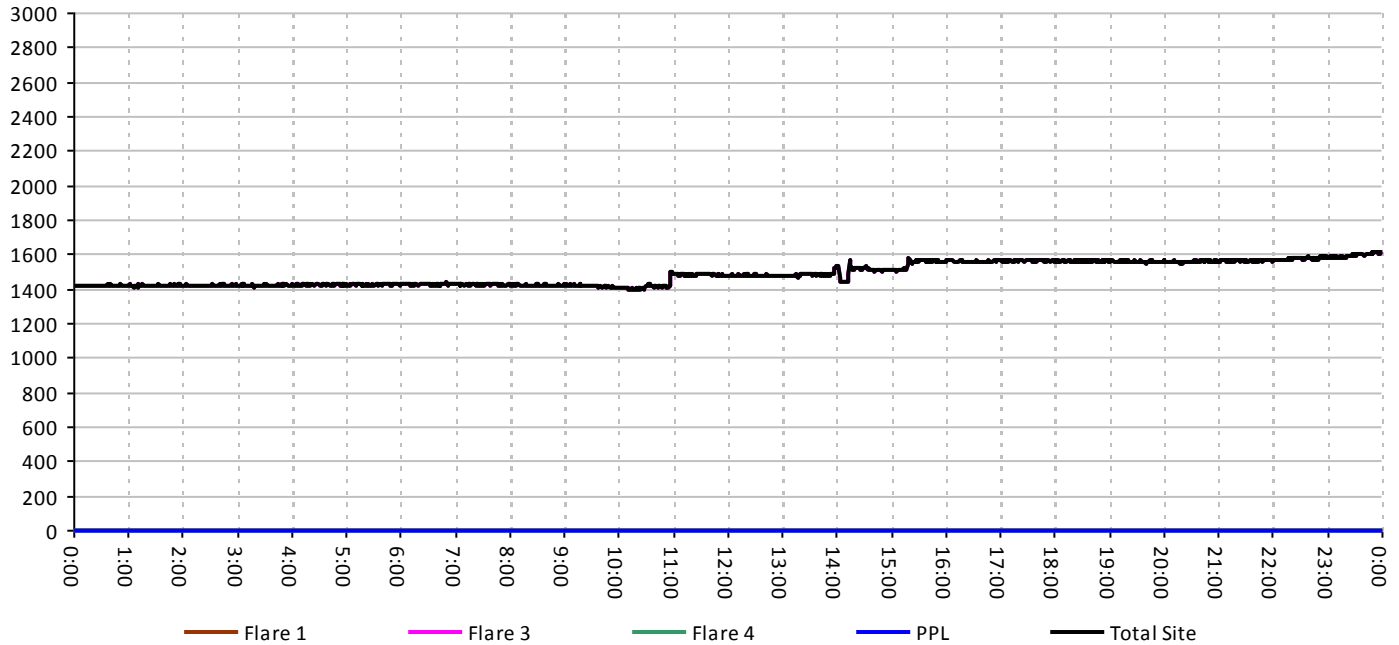
DEVICE ONLINE TIME
FLARE 1: 0 (min.)
FLARE 3: 1429 (min.)
FLARE 4: 0 (min.)
PPL: 0 (min.)

FLARE 4 DATA						
	Flowrate (CFM)	Vacuum (In WC)	Pressure (In WC)	Temp. (F)	Methane (%)	Oxygen (%)
MIN:	0	0.4	0.0	47	0.0	0.0
MAX:	0	0.5	0.1	71	0.0	0.0
AVG:	0	0.5	0.1	58	0.0	0.0

SYSTEM ALERTS
FLARE 1: Shutdown Recorded
FLARE 3: No Shutdowns Recorded
FLARE 4: Shutdown Recorded
PPL: Pipeline Shutdown Recorded

PPL PIPELINE DATA					
	Flowrate (CFM)	Pressure (In WC)	Temp. (F)	Methane (%)	Oxygen (%)
MIN:	0	19.5	0	195.3	48.8
MAX:	0	19.5	0	195.3	48.8
AVG:	0	19.5	0	195.3	48.8

Flow Rate (scfm) vs Time



Daily Notes:

August 2022 Gas Well Data

Well_ID	Orifice	Plat Date	CH4 (%)	CO2 (%)	O2 (%)	Bal (%)	Temp (F)	Initial P (in.
GW172	0.5	8/2/2022	53.5	33.4	0.6	12.5	94	-0.05
DR056*	0.5	8/2/2022	36	28.4	1.1	34.5	91.9	-18.3
DR056*	0.5	8/2/2022	58.8	33.8	0.1	7.3	89.5	-0.02
DR055*	0.5	8/2/2022	63.8	34.9	0	1.3	89.3	-0.01
DR054*	0.5	8/2/2022	63.1	34.7	0	2.2	93.8	-0.02
GW185	0.5	8/2/2022	53.1	31.7	3.9	11.3	91.3	-0.2
GW154	0.5	8/2/2022	57.1	38.1	0.1	4.7	87.9	-0.01
GW173	0.5	8/2/2022	34.5	25.8	2.8	36.9	92.6	-0.32
GW173B	0.5	8/2/2022	29.4	20.5	7.3	42.8	93.2	-24.62
GW155	0.5	8/2/2022	62.9	37	0.1	0	93.1	-0.02
GW184	0.5	8/2/2022	34.1	25.7	2.8	37.4	91.6	-0.91
GW156	0.5	8/2/2022	14.9	12.1	9.5	63.5	89	-0.03
GW157	0.5	8/2/2022	40.8	27.8	0.3	31.1	88.1	-5.33
GW192	0.5	8/2/2022	57.9	35.4	0.1	6.6	93.2	-0.04
EW002*	0.5	8/2/2022	65.4	34.6	0	0	94.7	-0.03
EW001*	0.5	8/2/2022	49	29.6	0.1	21.3	92.4	-8.84
GW174	0.5	8/2/2022	61.3	32.1	0	6.6	89.3	-10.91
GW037*	0.5	8/2/2022	63.1	34.2	0.3	2.4	92.5	-25.41
GW029	0.5	8/2/2022	58.8	34.3	0.1	6.8	87.3	-0.03
GW043*	0.5	8/2/2022	54.1	34	1.7	10.2	87.6	-0.2
GW060	0.5	8/2/2022	58	36.9	0	5.1	86.7	-0.02
GW097	0.5	8/2/2022	52.3	36.8	0.3	10.6	86.1	-2.17
GW098	0.5	8/2/2022	47.2	33.2	0.9	18.7	87.7	-11.61
GW030*	0.5	8/2/2022	54.5	35.6	0.1	9.8	94.5	-0.02
HW040	0.25	8/2/2022	53.2	36.7	1.1	9	93.4	-0.42
HW032	0.5	8/2/2022	39	27.4	4.6	29	97.2	-0.58
GW125*	0.5	8/2/2022	32	21.3	7.8	38.9	88.1	-9.62
GW062	0.5	8/2/2022	44.6	31.4	0.6	23.4	87.4	-8.19
GW053*	0.5	8/3/2022	50.6	31.5	0.6	17.3	79.8	-20.67
GW034*	0.5	8/3/2022	60.7	35.1	0.3	3.9	86.1	-0.03
GW038*	0.5	8/3/2022	15.6	13	17.1	54.3	81.3	-0.54
GW121*	0.5	8/3/2022	61.4	36.5	0.9	1.2	83.7	-18.32
GW073	0.5	8/3/2022	62.9	33.9	0.1	3.1	80.2	-0.19
EW005	0.25	8/3/2022	61.3	38.7	0	0	85.6	-0.11
GW071	0.5	8/3/2022	56.5	38	0.2	5.3	84.1	-0.02
HW031	0.5	8/3/2022	38.2	25.7	6.7	29.4	78.2	-0.46
GW137	0.5	8/3/2022	61.1	36.7	0.1	2.1	85.5	-0.07
GW124*	0.5	8/3/2022	22.7	11.3	17.2	48.8	86.6	-7.94
GW122*	0.5	8/3/2022	54.4	34.6	0.4	10.6	88.1	-0.31
GW027	0.5	8/3/2022	62.1	36.8	0.5	0.6	88.4	-17.64
GW042*	0.5	8/3/2022	38.3	29.3	1.4	31	92.4	-10.6
GW128*	0.5	8/3/2022	58.8	34.7	0.9	5.6	90.2	-1.5
GW041*	0.5	8/3/2022	61	34.6	0.6	3.8	91.2	-1.7

DR010*	0.5	8/3/2022	54.9	31.9	2.9	10.3	86.4	-11.92
GWX	0.25	8/3/2022	64	32.1	0.1	3.8	84.2	-0.19
GW061	0.5	8/3/2022	66.6	32.1	0.6	0.7	85.5	-29.63
GW193	0.5	8/3/2022	45.8	29.4	1.2	23.6	85.7	-28.2
DR087	0.5	8/3/2022	54	33	0.3	12.7	85.4	-0.01
DR086	0.5	8/3/2022	61	35	0.1	3.9	83.3	-0.02
DR088	0.25	8/3/2022	62.2	36.9	0	0.9	83.9	-0.01
DR089	0.25	8/3/2022	33.7	34.6	3.5	28.2	87	-0.41
DR090	0.25	8/3/2022	39.4	37.4	0.2	23	88.4	-0.01
DR091	0.25	8/3/2022	58.5	36.6	0.3	4.6	84.5	-0.03
DR092	0.5	8/3/2022	61.4	36.5	0.8	1.3	81.9	-0.01
DR017*	0.5	8/3/2022	51.4	31.1	0.3	17.2	85.4	-0.01
DR011*	0.5	8/3/2022	59.4	34.6	0.4	5.6	87.7	-0.03
GW080*	0.5	8/3/2022	56.7	39.7	0.5	3.1	93.6	-0.13
GW175	0.5	8/3/2022	42.9	35.2	1.7	20.2	93.8	-0.55
GW015	0.5	8/3/2022	10.8	5.1	19.8	64.3	88.7	-7.34
GW106	0.5	8/3/2022	57.1	40.7	0.4	1.8	90.6	-0.01
GW032*	0.5	8/3/2022	58.5	40.1	0.2	1.2	87.9	-1.39
GW033*	0.5	8/3/2022	58.1	40.3	0.2	1.4	89	-1.05
GW189	0.5	8/3/2022	58.4	39.9	0.4	1.3	89	-10.6
GW162	0.5	8/3/2022	52.8	40.4	0.2	6.6	88.8	-0.52
GW166	0.5	8/3/2022	4.8	3	19.7	72.5	88.8	-0.03
GW181	0.5	8/3/2022	37.3	27.5	0.8	34.4	91.9	-1.15
GW191	0.5	8/3/2022	58.8	36.9	0.2	4.1	89.1	-0.07
GW164	0.5	8/3/2022	61.4	34.9	1	2.7	88.7	-28.24
GW163	0.5	8/3/2022	58.4	35.8	0.2	5.6	90.1	-0.03
DR059*	0.5	8/3/2022	60.3	39.6	0.1	0	86.7	-0.01
GW190	0.5	8/3/2022	51.8	37.5	2.2	8.5	88.1	-4.79
GW180	0.5	8/3/2022	51.5	38.2	0.6	9.7	91.4	-23.63
GW152	0.5	8/3/2022	37	25.2	8.5	29.3	88.7	-0.02
GW153	0.5	8/3/2022	49.9	36.2	0.3	13.6	93.1	-0.04
GW151	0.5	8/3/2022	57.8	39.9	0.8	1.5	87.6	-22.79
GW161	0.5	8/3/2022	45.8	34.1	2.7	17.4	90.5	-0.04
GW049*	0.5	8/3/2022	48.7	35.5	0.2	15.6	87.6	-5.83
GW183	0.5	8/3/2022	17.3	10.8	16.1	55.8	88.6	-0.04
GW069	0.5	8/3/2022	37.5	30.7	2.6	29.2	89.3	-2.21
GW176	0.5	8/3/2022	49.9	35.6	1.2	13.3	88.8	-19
GW028	0.5	8/3/2022	31.8	20.9	9.9	37.4	87.2	-0.08
GW087	0.5	8/3/2022	33.8	25.3	4.5	36.4	89.4	-1.21
GW182	0.5	8/3/2022	52.9	35.1	0.3	11.7	88.8	-11.9
GW096	0.5	8/3/2022	45.5	37.2	0.1	17.2	89.2	-4.84
GW081	0.5	8/4/2022	59.6	26.1	0.8	13.5	91	-0.11
GW072	0.5	8/4/2022	68.7	27.4	0.4	3.5	101.8	-0.01
GW078	0.5	8/4/2022	53.5	25.7	0.9	19.9	92.8	-0.02
GW076	0.5	8/4/2022	65.8	27.6	0.2	6.4	90.7	-0.03
GW074	0.5	8/4/2022	18.8	11.9	14	55.3	102.9	-0.02
GW075	0.5	8/4/2022	55.9	32.3	1.3	10.5	92.3	-10.33

GW077	0.5	8/4/2022	61.5	32.5	0.2	5.8	94	-0.02
GW083	0.5	8/4/2022	61.9	32.5	1.9	3.7	89.5	-14.28
GW126*	0.5	8/4/2022	58.3	36.6	0.3	4.8	85.8	-0.01
GW084	0.5	8/4/2022	41.5	31.6	2.1	24.8	79.5	-0.12
GW127*	0.5	8/4/2022	22.8	16.5	10.9	49.8	83.6	-0.97
GW085	0.5	8/4/2022	43.1	33.1	0.7	23.1	89.9	-0.02
GW092	0.5	8/4/2022	46	32.2	3.6	18.2	87.2	-7.85
GW165	0.5	8/4/2022	14.5	16.1	16.5	52.9	90.8	-0.15
GW088	0.5	8/4/2022	53.6	19.4	0.7	26.3	86.8	-0.02
GW093	0.5	8/4/2022	58.6	25.3	5.2	10.9	87.8	-19.78
GW089	0.5	8/4/2022	42.9	21.9	8	27.2	89.4	-19.96
GW135*	0.5	8/4/2022	52.7	29.8	0.7	16.8	88.6	-13.25
HW006*	0.5	8/4/2022	56.3	35.1	0.2	8.4	86.3	-0.05
HW011*	0.5	8/4/2022	48.1	31.4	4.2	16.3	91.7	-0.02
HW004*	0.5	8/4/2022	53.3	36.3	0.2	10.2	85.7	-0.01
HW005*	0.5	8/4/2022	57.3	38.6	0.2	3.9	87.4	-0.01
GW140*	0.5	8/4/2022	17.7	8.2	18.5	55.6	93.2	-0.18
GW079	0.5	8/4/2022	2.7	1.2	19.6	76.5	86.7	-0.01
GW082	0.5	8/4/2022	4	4	16.6	75.4	91.7	-0.01
GW008	0.5	8/4/2022	53.5	11.6	0.8	34.1	88.8	-0.03
GW005	0.5	8/4/2022	81.9	14.1	1.2	2.8	90	-0.01
GW010	0.5	8/4/2022	66.2	15.9	0.4	17.5	90.9	-0.01
DR020*	0.5	8/4/2022	69	17.3	13.7	0	95.9	-0.05
DR019*	0.5	8/4/2022	22.8	14.7	1.5	61	93.3	-0.24
GW086	0.5	8/4/2022	1.4	10.8	16.8	71	94.1	-0.56
GW194	0.5	8/4/2022	42.1	34.4	0.8	22.7	95.8	-0.16
GW100	0.5	8/4/2022	44.7	32.6	4.6	18.1	96.7	-0.23
GW099	0.5	8/4/2022	30.5	26.8	3.3	39.4	92.8	-7.51
GW101	0.5	8/4/2022	7.3	4.6	20.1	68	94.1	-0.02
GW104	0.5	8/4/2022	55.3	38.8	0.9	5	96.7	-18.05
GW091	0.5	8/4/2022	61.7	37.1	0.4	0.8	96.1	-0.01
GW095	0.5	8/4/2022	65.4	34.2	0.4	0	94.2	-0.05
HW010*	0.5	8/4/2022	0	0	0.6	99.4	96	-0.04
GW090	0.5	8/4/2022	66.3	31.5	0.4	1.8	96.3	-0.03
GW094	0.5	8/4/2022	56.1	31.8	3.6	8.5	93.5	-19.27
GW134	0.5	8/4/2022	54.5	38.1	0.5	6.9	96.8	-0.04
GW103	0.5	8/4/2022	44.3	29.7	6	20	94.7	-0.03
GW024	0.5	8/4/2022	49.1	35	1.5	14.4	94.1	-1.7
GW199	0.5	8/4/2022	57.7	37.8	0.3	4.2	94.1	-0.01
GW023	0.5	8/4/2022	57.3	39.8	0.6	2.3	95.2	-4.96
GW186	0.5	8/4/2022	56	38.3	0.3	5.4	94.7	-0.01
GW064	0.5	8/4/2022	58.5	40	0.3	1.2	94.5	-2.22
GW158	0.5	8/4/2022	55.2	39	0.5	5.3	96.6	-6.25
GW129*	0.5	8/4/2022	47.5	36.8	1.5	14.2	92.9	-0.84
GW025	0.5	8/4/2022	56.4	40.7	0.2	2.7	94.1	-0.06
GW179	0.5	8/4/2022	45.7	32.8	3.8	17.7	96.4	-0.37
DR044*	0.5	8/5/2022	0.3	0	20.2	79.5	96	-0.03

DR022*	0.5	8/5/2022	36.8	25.5	1.6	36.1	97.2	-0.03
GW111	0.5	8/5/2022	28.9	19.2	10	41.9	95.9	-0.02
HW001*	0.5	8/5/2022	47	31.5	1.1	20.4	96.4	-5.68
GW110	0.5	8/5/2022	51.7	35.7	0.6	12	90.8	-0.24
GW113	0.5	8/5/2022	33.1	26.1	2.1	38.7	93.6	-18.64
GW114	0.5	8/5/2022	19.7	15.5	11.5	53.3	90.8	-0.15
GW115	0.5	8/5/2022	42.1	27.1	1.3	29.5	90.1	-24.4
GW133	0.5	8/8/2022	39.1	26.4	2	32.5	85.1	-0.18
GW118	0.5	8/8/2022	18.9	14	17.4	49.7	85.2	-0.08
GW116	0.5	8/8/2022	28.6	25.3	1.9	44.2	85.3	-7.85
GW136	0.5	8/8/2022	27	25	1.1	46.9	88.1	-18.83
GW109	0.5	8/8/2022	49	31.1	0.8	19.1	88.1	-0.04
GW108	0.5	8/8/2022	11.5	12.1	9.4	67	83.7	-0.02
GW198	0.25	8/8/2022	42.6	31.9	1.3	24.2	86.6	-0.07
GW107	0.5	8/8/2022	58	37.4	0.8	3.8	86.5	-0.03
GW112	0.5	8/8/2022	21.3	13.9	12.9	51.9	85.9	-0.02
GW117	0.5	8/8/2022	2.2	1.6	20.3	75.9	84	-17.6
HW003*	0.5	8/8/2022	40.3	38.5	1.3	19.9	86.5	-0.04
GW148*	0.5	8/8/2022	54.6	41.3	0.8	3.3	87.2	-0.03
HW002*	0.5	8/8/2022	49.9	40.3	1.1	8.7	88.3	-0.66
GW187	0.5	8/8/2022	46.8	37.9	2.8	12.5	91	-1.76
GW178	0.5	8/8/2022	43.6	36.8	4.2	15.4	89.2	-0.11
GW188	0.5	8/8/2022	23.8	23.5	10.5	42.2	84.7	-0.19
DR062*	0.5	8/8/2022	16	12.7	19.4	51.9	89	-0.01
GW167	0.5	8/8/2022	2.6	3.3	19.1	75	87.1	-0.01
GW168	0.5	8/8/2022	55.9	35.6	0.9	7.6	89	-0.05
GW169	0.5	8/8/2022	59.4	34.3	0.8	5.5	92.8	-0.04
GW170	0.5	8/8/2022	29.6	13.7	14.7	42	91.3	-0.14
GW026	0.5	8/8/2022	4.7	1.6	19.7	74	90.6	-0.98
GW068	0.5	8/8/2022	40.9	28.6	1.6	28.9	92.5	-0.06
GW130	0.5	8/8/2022	16	11.3	13.9	58.8	91.8	-0.14
GW177	0.5	8/8/2022	40.5	30.2	1.1	28.2	91.1	-0.01
GW131R	0.5	8/8/2022	48.9	34.6	1	15.5	92.1	-8.43
GW065	0.5	8/8/2022	13.5	6.6	18.8	61.1	91.5	-0.01
DR067*	0.5	8/8/2022	10.3	10.4	8	71.3	90	-0.04
DR068*	0.5	8/8/2022	0.8	0.7	19.9	78.6	87.6	-0.01
DR069*	0.5	8/8/2022	27	20.7	1.1	51.2	95	-0.09
DR070*	0.5	8/8/2022	33.3	21.2	6.3	39.2	92.2	-0.04
DR071*	0.5	8/8/2022	11	5.3	18	65.7	91.8	-0.01
DR073*	0.5	8/8/2022	3.5	2.3	17.7	76.5	90.4	-0.07
GW200	0.75	8/8/2022	30	26.8	1.4	41.8	103.4	-0.53
GW201	0.75	8/8/2022	40.2	34.5	0.9	24.4	98.1	-0.16
GW202	0.75	8/8/2022	44.5	40.7	0.9	13.9	94.5	-1.37
GW203	0.5	8/8/2022	47.3	40.5	0.7	11.5	94.1	-0.39
GW204	0.5	8/8/2022	47.4	41.1	0.7	10.8	97.7	-1.47
GW207	0.5	8/8/2022	54.1	40.5	0.7	4.7	99.7	-0.52
GW206	0.5	8/8/2022	46.3	34.5	3.2	16	97.6	-12.58

GW205	0.25	8/8/2022	41.3	33	1.5	24.2	95.7	-4.28
GW145	0.5	8/8/2022	43.4	32.3	4.4	19.9	94.4	-2.68
EW013	0.5	8/8/2022	53.3	39.6	1.1	6	94.8	-0.1
EW011	0.5	8/8/2022	56.6	40.5	0.8	2.1	92.6	-0.01
EW014	0.5	8/8/2022	58.1	40.3	0.7	0.9	93.7	-18.47
EW New	0.5	8/8/2022	56.8	40.5	0.7	2	94.1	-0.03
GW196	0.5	8/8/2022	54.8	40.1	1.2	3.9	92.1	-13.55
EW012	0.25	8/8/2022	15.8	7.2	19.8	57.2	92.1	-0.02
GW197	0.5	8/8/2022	55.4	40.3	0.9	3.4	93.8	-15.62
HW036	0.5	8/8/2022	13.9	9.9	18.5	57.7	99.4	-0.02
EW007	0.25	8/8/2022	49.7	36	1	13.3	94.6	-0.03
GW139	0.5	8/8/2022	51.5	36.5	3.7	8.3	97.2	-7.51
EW008	0.5	8/8/2022	56	38.4	0.7	4.9	95.4	-0.14
GW147	0.5	8/8/2022	47.1	31.3	7	14.6	95.5	-9.2
EW009	0.25	8/8/2022	52.8	38.4	0.7	8.1	92.1	-0.01
HW038	0.5	8/9/2022	0	0	20	80	88.4	-0.03
EW015	0.5	8/9/2022	56.9	37.6	1	4.5	97.1	-19.53
HW039	0.25	8/9/2022	60.3	39	0.7	0	89.2	-0.18
EW006	0.25	8/9/2022	49.1	35.6	0.6	14.7	91.2	-0.03
DR095	0.25	8/9/2022	46.7	34	1.4	17.9	90.8	-0.04
HW035	0.5	8/9/2022	1.4	0.3	20.1	78.2	96.3	-0.01
DR094	0.5	8/9/2022	0.9	1.2	16.4	81.5	93.8	-0.01
DR049*	0.5	8/9/2022	3.3	3.3	19	74.4	93.3	-0.8
DR048*	0.5	8/9/2022	14.6	13.2	3.8	68.4	92.1	-0.01
DR047*	0.5	8/9/2022	15.1	17.4	4.4	63.1	91.9	-0.04
DR046*	0.5	8/9/2022	15.1	17.4	4.6	62.9	90.9	-0.01
DR045*	0.5	8/9/2022	9.1	11	13.9	66	90.5	-0.01
GW066	0.5	8/9/2022	0	0	5	95	99	-0.62
GW067	0.5	8/9/2022	34.6	21.4	17.9	26.1	96.7	-0.01

Adjusted P	Valve_Adj	Alternative	Pass/Fail	Well_Comr	Technician
-0.17	Closed	None	Pass	2.5	JS
-18.32	100% Oper	None	Pass	100	JS
-0.06	Closed	None	Pass	2.5	JS
-0.11	Closed	None	Pass	2.5	JS
-0.24	Closed	None	Pass	2.5	JS
-0.2	Cracked Oç	None	Pass	2.5	JS
-0.08	Closed	None	Pass	2.5	JS
-0.32	Cracked Oç	None	Pass	10	JS
-6.57	5% Open	None	Pass	0	JS
-0.51	Closed	None	Pass	2.5	JS
NR	Cracked Oç	None	Pass	5	JS
-0.03	Closed	2	Pass	0	JS
-5.36	Cracked Oç	None	Pass	5	JS
-0.27	Closed	None	Pass	2.5	JS
-0.33	Closed	None	Pass	2.5	JS
-8.85	Cracked Oç	None	Pass	5	JS
-10.92	5% Open	None	Pass	10	JS
-25.41	100% Oper	None	Pass	100	JS
-0.35	Closed	None	Pass	2.5	JS
-0.26	Cracked Oç	None	Pass	5	JS
-0.28	Closed	None	Pass	2.5	JS
-2.17	100% Oper	None	Pass	100	JS
-11.86	5% Open	None	Pass	10	JS
-0.12	Closed	None	Pass	2.5	JS
-0.78	Cracked Oç	None	Pass	5	JS
-0.58	Cracked Oç	None	Pass	2.5	JS
-0.92	10% Open	None	Pass	0	JS
-8.26	Cracked Oç	None	Pass	10	JS
-20.68	75% Open	None	Pass	100	JS
-0.35	Closed	None	Pass	2.5	JS
-0.54	Closed	2	Pass	0	JS
-18.32	100% Oper	None	Pass	100	JS
-0.43	Closed	None	Pass	2.5	JS
-0.21	Closed	None	Pass	2.5	JS
-0.16	Closed	None	Pass	2.5	JS
-0.08	Cracked Oç	2	Pass	0	JS
-0.21	Closed	None	Pass	2.5	JS
-0.01	Cracked Oç	None	Pass	0	JS
-0.31	100% Oper	None	Pass	100	JS
-17.64	100% Oper	None	Pass	100	JS
-10.95	5% Open	None	Pass	10	JS
-1.68	Cracked Oç	None	Pass	5	JS
-1.86	Cracked Oç	None	Pass	5	JS

	-11.9	100% Oper	None	Pass	100 JS
	-0.4	Closed	None	Pass	2.5 JS
	-29.67	80% Open	None	Pass	100 JS
	-28.21	100% Oper	None	Pass	100 JS
	-0.03	Closed	None	Pass	2.5 JS
	-0.05	Closed	None	Pass	2.5 JS
	-0.01	Closed	None	Pass	2.5 JS
	-0.42	Cracked Oç	None	Pass	2.5 JS
	-0.05	Cracked Oç	None	Pass	5 JS
	-0.05	Cracked Oç	None	Pass	5 JS
	-0.03	Closed	None	Pass	2.5 JS
	-0.01	Cracked Oç	None	Pass	5 JS
	-0.02	Cracked Oç	None	Pass	2.5 JS
NR		Closed	None	Pass	2.5 JS
	-0.55	100% Oper	None	Pass	100 JS
	-0.26	10% Open	None	Pass	0 JS
	-0.15	Closed	None	Pass	2.5 JS
	-1.51	Cracked Oç	None	Pass	5 JS
	-1.26	Cracked Oç	None	Pass	5 JS
	-10.62	100% Oper	None	Pass	100 JS
	-0.54	Cracked Oç	None	Pass	10 JS
	-0.03	Closed	2	Pass	0 JS
	-1.14	100% Oper	None	Pass	100 JS
	-0.3	Closed	None	Pass	2.5 JS
	-28.2	100% Oper	None	Pass	100 JS
	-0.35	Closed	None	Pass	2.5 JS
	-0.24	Closed	None	Pass	2.5 JS
	-4.94	Cracked Oç	None	Pass	10 JS
	-23.64	100% Oper	None	Pass	100 JS
	-0.01	Closed	2	Pass	0 JS
	-0.1	Cracked Oç	None	Pass	10 JS
	-22.77	100% Oper	None	Pass	100 JS
	-0.17	Cracked Oç	None	Pass	10 JS
	-6.11	Cracked Oç	None	Pass	10 JS
	-0.03	Closed	2	Pass	0 JS
	-2.57	Cracked Oç	None	Pass	10 JS
	-19	100% Oper	None	Pass	100 JS
	-0.08	Closed	2	Pass	0 JS
	-1.19	Cracked Oç	None	Pass	2.5 JS
	-12.02	5% Open	None	Pass	10 JS
	-4.81	100% Oper	None	Pass	100 JS
	-0.19	Closed	None	Pass	2.5 JS
	-0.01	Closed	None	Pass	2.5 JS
	-0.07	Closed	None	Pass	2.5 JS
	-0.18	Closed	None	Pass	2.5 JS
	-0.02	Closed	2	Pass	0 JS
	-10.36	10% Open	None	Pass	20 JS

-0.19	Closed	None	Pass	2.5 JS
-14.27	100% Oper	None	Pass	100 JS
-0.29	Closed	None	Pass	2.5 JS
-0.2	Cracked Oç	None	Pass	5 JS
-0.08	Cracked Oç	2	Pass	0 JS
-0.02	Closed	None	Pass	2.5 JS
-7.88	Cracked Oç	None	Pass	10 JS
-0.15	Closed	2	Pass	0 JS
-0.06	Closed	None	Pass	2.5 JS
-0.03	10% Open	None	Pass	0 JS
-0.47	10% Open	None	Pass	0 JS
-13.25	100% Oper	None	Pass	100 JS
-0.05	100% Oper	None	Pass	100 JS
-0.02	Cracked Oç	None	Pass	2.5 JS
-0.01	Closed	None	Pass	2.5 JS
-0.14	Closed	None	Pass	2.5 JS
-0.18	Closed	2	Pass	0 JS
-0.01	Closed	2	Pass	0 JS
-0.01	Closed	2	Pass	0 JS
-0.04	100% Oper	None	Pass	100 JS
-0.03	Cracked Oç	None	Pass	2.5 JS
-0.01	100% Oper	None	Pass	100 JS
-0.05	Closed	None	Pass	0 JS
-0.24	Cracked Oç	None	Pass	2.5 JS
-0.56	Closed	2	Pass	0 JS
-0.35	Closed	None	Pass	2.5 JS
-0.23	Cracked Oç	None	Pass	2.5 JS
-7.6	Cracked Oç	None	Pass	10 JS
-0.02	Closed	2	Pass	0 JS
-18.07	100% Oper	None	Pass	100 JS
-0.59	Closed	None	Pass	2.5 JS
-0.22	Closed	None	Pass	2.5 JS
-0.02	Cracked Oç	None	Pass	5 JS
-0.1	Closed	None	Pass	2.5 JS
-19.54	Cracked Oç	None	Pass	10 JS
-0.27	Closed	None	Pass	2.5 JS
-0.01	Cracked Oç	None	Pass	0 JS
-1.71	Cracked Oç	None	Pass	5 JS
-0.09	Closed	None	Pass	2.5 JS
-4.97	90% Open	None	Pass	100 JS
-0.27	Closed	None	Pass	2.5 JS
-2.21	100% Oper	None	Pass	100 JS
-6.26	75% Open	None	Pass	100 JS
-0.88	Cracked Oç	None	Pass	10 JS
-0.15	Cracked Oç	None	Pass	10 JS
-0.71	Cracked Oç	None	Pass	10 JS
-0.03	Closed	2	Pass	0 JS

-0.03 Cracked Oç	None	Pass	5 JS
-0.01 Closed		2 Pass	0 JS
-5.79 Cracked Oç	None	Pass	10 JS
-0.29 Cracked Oç	None	Pass	10 JS
-18.93 10% Open	None	Pass	20 JS
-0.05 Cracked Oç		2 Pass	0 JS
-24.4 100% Oper	None	Pass	100 JS
-0.48 Cracked Oç	None	Pass	10 JS
-0.07 Closed		2 Pass	0 JS
-7.85 75% Open	None	Pass	100 JS
-19 10% Open	None	Pass	20 JS
-0.04 Closed	None	Pass	2.5 JS
-0.01 Closed		2 Pass	0 JS
-0.07 Closed	None	Pass	2.5 JS
-0.02 Closed	None	Pass	2.5 JS
-0.02 Closed		2 Pass	0 JS
-0.02 10% Open	None	Pass	0 JS
-0.06 Closed	None	Pass	2.5 JS
-0.09 Closed	None	Pass	2.5 JS
-0.7 Cracked Oç	None	Pass	10 JS
-1.91 Cracked Oç	None	Pass	10 JS
-0.11 Cracked Oç	None	Pass	2.5 JS
-0.02 20% Open		2 Pass	0 JS
-0.01 Closed		2 Pass	0 JS
-0.01 Closed		2 Pass	0 JS
-0.08 Closed	None	Pass	2.5 JS
-0.11 Closed	None	Pass	2.5 JS
-0.07 Cracked Oç		2 Pass	0 JS
-0.1 Cracked Oç		2 Pass	0 JS
-0.14 Closed	None	Pass	2.5 JS
-0.07 Cracked Oç		2 Pass	0 JS
-0.08 Closed	None	Pass	2.5 JS
-8.53 10% Open	None	Pass	20 JS
-0.01 Closed		2 Pass	0 JS
-0.04 Closed		2 Pass	0 JS
-0.01 Closed		2 Pass	0 JS
-0.08 Closed	None	Pass	2.5 JS
-0.03 Closed		2 Pass	0 JS
-0.01 Closed		2 Pass	0 JS
-0.06 Closed		2 Pass	0 JS
-0.53 100% Oper	None	Pass	100 JS
-0.15 100% Oper	None	Pass	100 JS
-1.37 100% Oper	None	Pass	100 JS
-0.59 Cracked Oç	None	Pass	10 JS
-1.65 Cracked Oç	None	Pass	10 JS
-0.8 Cracked Oç	None	Pass	10 JS
-12.54 10% Open	None	Pass	10 JS

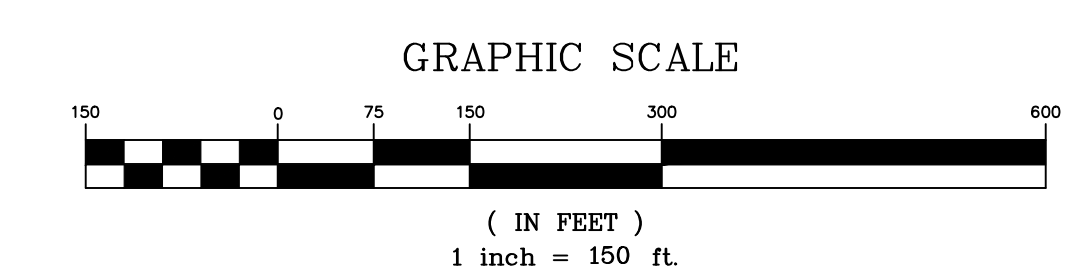
-4.3 Cracked Oç	None	Pass	10 JS
-2.62 100% Oper	None	Pass	100 JS
-0.12 Cracked Oç	None	Pass	10 JS
-0.04 Closed	None	Pass	2.5 JS
-18.52 Cracked Oç	None	Pass	10 JS
-0.1 Closed	None	Pass	2.5 JS
-13.42 100% Oper	None	Pass	100 JS
-0.01 Closed		2 Pass	0 JS
-15.62 100% Oper	None	Pass	100 JS
-0.02 Closed		2 Pass	0 JS
-0.03 Closed	None	Pass	2.5 JS
-7.51 100% Oper	None	Pass	100 JS
-0.12 Cracked Oç	None	Pass	10 JS
-0.54 100% Oper	None	Pass	0 JS
-0.01 Closed	None	Pass	2.5 JS
-0.02 Closed		2 Pass	0 JS
-20.85 Cracked Oç	None	Pass	10 JS
-1.6 Cracked Oç	None	Pass	10 JS
-0.16 Closed	None	Pass	2.5 JS
-0.05 Closed	None	Pass	10 JS
-0.01 Closed		2 Pass	0 JS
-0.01 Closed		2 Pass	0 JS
-0.79 Closed		2 Pass	0 JS
-0.01 Closed	None	Pass	0 JS
-0.01 Cracked Oç	None	Pass	2.5 JS
-0.01 Closed	None	Pass	0 JS
-0.01 Closed		2 Pass	0 JS
-0.01 Cracked Oç		2 Pass	0 JS
-0.01 Closed		2 Pass	0 JS

\\earthres-dc03\company\PROJECTS\Chrin Landfill\Gas As-Built\2021\Chrin Landfill\Gas System As-Built.dwg Layout: D-01 User: chutweller 05/24/2021 13:51



- LEGEND**
- EXISTING STAGE BOUNDARIES
 - PERMIT BOUNDARIES
 - 550 EXISTING GRADE CONTOUR
 - - - 8" HDPE EXISTING GAS SYSTEM PERFORATED PIPING
 - - - 8" HDPE EXISTING GAS SYSTEM PIPING
 - GW-015 EXISTING VERTICAL GAS WELL
 - GW-015 BURIED GAS COLLECTION DEVICE
 - GW-015 DECOMMISSIONED GAS COLLECTION DEVICE
 - GW-187 EXISTING REMOTE WELLHEAD CONNECTION
 - GW-187 INSTALLED GAS COLLECTION WELL

- NOTE:**
- BASEMAP AND TOPOGRAPHY PREPARED BY EARTHRES ON DECEMBER 15, 2020.
 - GW001, GW004, GW006, GW007, GW009 AND MH20 ARE HARD PIPED TOGETHER IN A COMMON HEADER AND IS CURRENTLY MONITORED AT THE MHXX LOCATION SHOWN ON THE MAP.
 - GAS SYSTEM LAYOUT PROVIDED BY CHRIN LANDFILL ON APRIL 10, 2021.



DRAFT - PROGRESS PRINT 05/24/2021

PREPARED FOR: HEADQUARTERS PHILADELPHIA REGION P. O. Box 468 6912 Old Eastern Road Piquette, PA 15071 APPALACHIAN REGIONAL OFFICE 8000 Combs Farm Drive Morgantown, WV 26505	NO.	DATE	BY	REVISIONS
PREPARED BY: EARTHRES ENGINEERING FOR SUCCESS® www.earthres.com				
2021 GAS SYSTEM AS-BUILT		GAS SYSTEM MANAGEMENT CHRIN SANITARY LANDFILL FACILITY ID: 100222 WILLIAMS TOWNSHIP, NORTHAMPTON COUNTY, PA		
CHECKED BY: SMC	JOB NO: 081022.097	DRAWING NUMBER: D-01		
DATE: 05/13/2021	SHEET 1 OF 1			