



May 15, 2023

Mr. Keith Macias  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

**Re: Part 70 Annual Compliance Certification Report for Platform Grace -  
Reporting Period of April 1, 2022 through March 31, 2023**

Dear Mr. Macias:

Pursuant to the requirements of the Title V Part 70 Federal Operating Permit No. 1493, Beacon West Energy Group, LLC is submitting the Platform Grace Part 70 Annual Compliance Certification Report for the reporting period of April 1, 2022 through March 31, 2023.

Please note that well abandonment activities concluded at Platform Grace in November 2021, and the platform was cold stacked and unmanned as of June 29, 2022. The only remaining operating equipment beyond that date are cranes and support vessels on a periodic basis. Generators G-1B and G-1C did not operate during this reporting period.

If you have questions or need additional information, please call me at (805) 395-9676.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Garnett", is written over a light blue circular stamp.

John Garnett  
EHSR Advisor

Encl.

cc: Gerardo Rios, U.S. EPA Region 9



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:


Mr. Gerardo Rios, Chief  
Permits Office (AIR-3)  
Office of Air Division  
EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

### Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

### Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official:  Title: Chief Compliance Officer	Date:  05/15/2023
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Time Period Covered by Compliance Certification  <u>04 / 01 / 2022</u> (MM/DD/YY) to <u>03 / 31 / 2023</u> (MM/DD/YY)
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## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: <u>71.1N1</u></p>	<p>D. Frequency of monitoring:  Quarterly</p>
<p>B. Description: Tanks that are equipped with vapor recovery</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Fugitive I&amp;M Program under Rule 74.10 for the tank hatches and other inlet and outlet gas and liquid piping connections; storage tank vapor recovery system for each applicable tank is monitored on a quarterly basis. Annual compliance certification verifying tanks are equipped with vapor recovery.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>71.4N3</u></p>	<p>D. Frequency of monitoring:  Annually</p>
<p>B. Description: Sumps, pits, or ponds exempt from being required to have a cover which is impermeable to ROC vapors, and covers at least 90% of the liquid surface area; Low ROC exemption</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual validation/compliance certification that the tanks are exempt via independent laboratory analysis by EPA Method 8015 showing tank ROC content is &lt; 5mg/l. See attached ROC analytical results for T-2 and T-13.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.9N3</u></p>	<p>D. Frequency of monitoring:  Biennial Source Tests</p>
<p>B. Description: Stationary Natural Gas-Fired Rich-Burn I C Engines – NO<sub>x</sub>, ROC, and CO emission limits after January 1, 1997.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100, EPA Method 25</p>
<p>C. Method of monitoring: Biennial source test of the generator engines. Engine inspections per the Engine Operator Inspection Plan.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: 74.9N7</p>	<p>D. Frequency of monitoring:  Periodic</p>
<p>B. Description: Emergency Standby Stationary Internal Combustion Engines Operated During Either an Emergency or Maintenance Operation</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records of operating hours. Date, time, duration, and reason for emergency operation. Records of engine data. Compliance is determined by logged hours of annual operation to ensure less than 50 hours per year.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>Y</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.9N8</p>	<p>D. Frequency of monitoring:  Periodic</p>
<p>B. Description: Stationary diesel-fired internal combustion engines with permitted capacity factor of 15% or less.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records containing data for each engine verifying the manufacturer's specified maximum hourly fuel consumption, data specifying the actual annual usage (e.g., fuel consumption or operating hours), and data for each engine including the engine manufacturer, model no., operator identification no., and location of each engine.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.9N9</p>	<p>D. Frequency of monitoring:  Periodic</p>
<p>B. Description: Stationary diesel-fired internal combustion engines used to power cranes and welding equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records containing data for each engine including the function (usage) of the engine, manufacturer, model number, operator identification number, and location of each engine. Routine surveillance of the diesel-fired engine to ensure that compliance is being maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: <u>ATCM ENG.N3</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: All stationary compression ignition engines</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that monthly fuel consumption records and fuel type records are maintained. <b>ATCM emission standards are not federally enforceable.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>PO1493PC1-Condition No. 1</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - 12-month rolling records of throughput and consumption as provided in the Permitted Throughput and Consumption Limits Table in Section No. 3 of the Permit.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly records of throughputs and fuel consumption. Annual compliance certification that these records are maintained. <b>See attached 12-Month Rolling data.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>PO1493PC1-Condition No. 2</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Generators shall only burn natural gas and no other fuel.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Routine surveillance to ensure only natural gas is used. Annual compliance that only natural gas was burned in generators.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 3</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Maximum number of oil wells (16). Platform Grace currently has 11 oil well completions.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Authority to Construct will be obtained prior to drilling any wells, unless the activity is a redrill. Annual compliance certification that there was no increase in number of wells for this reporting period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 4</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Maximum sulfur content of diesel fuel consumed in the crane engines, C-5B turbine starter engines, Generators, backup generator engine, and the boats.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records of certifications from the fuel supplier documenting the sulfur content of each diesel fuel delivery are maintained</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 5</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Crew boat and work boat emission limits</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly records of fuel consumption from the crew and work boats are maintained. Monthly emissions are calculated for the crew and work boats and are maintained in 12-month rolling records. Annual compliance certification that these records are maintained. <b>See attached 12-month rolling data.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 6</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Crew boat permitted engines</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Only one crew boat can be used at any given time. Records are maintained showing the days and hours that each crew boat was in service. Annual compliance certification that these records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 7</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Work boat permitted engines</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Only one work boat can be used at any given time. Records are maintained showing the days and hours that each work boat was in service. Annual compliance certification that these records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 8</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Solvent Recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records of solvent purchase and usage, along with records of solvent that is recycled or disposed of are maintained for solvents used in solvent cleaning activities, including wipe cleaning. Annual compliance certification that these records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: PO1493PC2-Conditions Nos. 1, 2 and 5</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Flare fuel consumption</p>	<p>Periodic</p>
<p>C. Method of monitoring: Each flare has individual fuel meter installed to record the amount of natural gas consumed. Monthly records of volume of gas combusted in flare are maintained in 12-month rolling records. Records also differentiate between emergency (unplanned) usage and non-emergency (planned) usage. Annual compliance certification that these records are maintained. <b>See attached 12-month rolling data.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC2-Conditions Nos. 3 and 4</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Flare ignition system operation – each flare is equipped and maintained with a continuous pilot or autoignition system to ensure combustion disposal of all excess produced or recovered gases.</p>	<p>Monthly</p>
<p>C. Method of monitoring: Flare's ignition system is tested monthly and monthly records of the flare's ignition system tests and maintenance activities are maintained. Annual compliance certification that these records are maintained.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Caterpillar Diesel Backup Generator operation.</p>	<p>Periodic</p>
<p>C. Method of monitoring: Annual compliance certification that the backup generator G-02 is only operated during maintenance testing or when production generators mechanically malfunctioning. Records indicating reason for usage are maintained. Annual compliance certification that records are maintained.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>





## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: PO1493PC4</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Tanks designated as out of service on the permit are shut down and cannot be operated.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification that Tanks T-4, T-6, T-10, T-21A, T-21B, T-23, T-25, and T-22 have been shut down and had not been operated during this compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC5</p>	<p>D. Frequency of monitoring: Biennial</p>
<p>B. Description: Stationary Natural Gas-Fired Rich-Burn I C Engines – BACT NO<sub>x</sub>, ROC, and CO emission limits. CAM Requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100, EPA Method 25</p>
<p>C. Method of monitoring: Biennial source test of the G-03 generator using: ARB Method 100 for NO<sub>x</sub>, ARB Method 100 for CO, EPA Method 25 or EPA Method 18 for ROC, ARB Method 100 for oxygen content, and ASTM Method 1826-77 for gaseous fuel heating value.. Annual compliance certification that daily NO<sub>x</sub> measurements utilizing a portable analyzer are being recorded. The G-03 generator was taken out of service and was not source tested during the reporting period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC6</p>	<p>D. Frequency of monitoring: Annual</p>
<p>B. Description: Crane fuel consumption</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly records of crane fuel consumption are maintained in 12-month rolling records. Annual compliance certification that these records are maintained. <b>See attached rolling 12-month data.</b></p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: 50</p>	<p>D. Frequency of monitoring: Annually</p>
<p>B. Description: Opacity requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Routine surveillance to ensure that opacity requirements are being maintained. Records including date, time, and identity of emissions unit of any occurrences of visible emissions not meeting Rule 50 opacity requirements are maintained. District notification within subsequent 24 hours if visible emissions problem cannot be corrected within first 24 hours.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 52</p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: Particulate Matter – Concentration requirements (grain loading)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification that particulate matter was not discharged into the atmosphere from any source at the facility in excess of the concentration listed in the table shown in Rule 52. Periodic monitoring is not necessary to certify compliance.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 54.B.1 (OCS)</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Sulfur Compounds – Sulfur emission concentration requirements at point of discharge</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that records of each planned and unplanned flaring event are maintained. A representative fuel analysis is being maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: 54.B.2 (OCS)</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Sulfur Compounds – Sulfur emission concentration requirements at ground level</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that records of each planned and unplanned flaring event are maintained. A representative fuel analysis is being maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 57.1</p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: Combustion contaminants requirements – Specific – Fuel burning equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification that combustion contaminants were not discharged into the atmosphere from any fuel-burning equipment at the facility in excess of the concentration at the point of discharge, 0.1 grain per cubic foot of gas calculated to 12% CO<sub>2</sub> at standard conditions.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 64.B.1</p>	<p>D. Frequency of monitoring: Annually</p>
<p>B. Description: Gaseous fuel sulfur compounds concentration requirements for all combustion emissions units at this facility combusting gaseous fuel.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records are maintained substantiating that only PUC natural gas is combusted at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>  G. Compliance Status? (C or I): <u>C</u>  H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>  *If yes, attach Deviation Summary Form</p>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: <u>64.B.2</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Solid or liquid fuel sulfur compounds concentration requirements for all combustion emissions units at this facility combusting solid or liquid fuel.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Fuel supplier's certifications containing fuel sulfur content by weight for each fuel delivery are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>71.1.C</u></p>	<p>D. Frequency of monitoring: Quarterly</p>
<p>B. Description: Emissions of produced gas must be controlled at all times using a gas collection system that directs all gas to a fuel or sales gas system, or to a flare that combusts ROCs.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Fugitive I&amp;M Program under Rule 74.10 for the gas collection system's gas and liquid piping connections; Annual compliance certification that the produced gas collection system is a closed system through a visual inspection. Flare is inspected on a quarterly basis. Records of visual and flare inspections are maintained at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>71.4.B.1</u></p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: First stage sump prohibition</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that there are no first stage production sumps at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: <u>71.4.B.3</u></p>	<p>D. Frequency of monitoring:</p> <p>None</p>
<p>B. Description:</p> <p>Well cellar storage prohibition</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Annual certification including routine surveillance and visual inspections that no crude oil or petroleum material was stored in a well cellar except during periods of equipment maintenance or well workover, and in no case, no storage for more than 5 days. No well cellars are on Platform Grace.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.6</u></p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Surface cleaning and degreasing requirements including ROC content limits, application and storage requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Records of current material list of ROC-containing material used in solvent cleaning activities are maintained. Routine surveillance of the applicable solvent cleaning activities is also performed.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.10</u></p>	<p>D. Frequency of monitoring:</p> <p>Daily, Weekly, Quarterly, Annually</p>
<p>B. Description:</p> <p>Fugitive leak and leak inspection requirements for components at crude oil production and processing facilities.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Weekly visual inspections of pumps, Daily, Weekly, Quarterly monitoring of specified components. All other components not exempt are monitored annually. Detected leaks are visibly tagged. Annual update to Operator Management Plan. Notification of major leaks and repeat leaks.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: 74.11.1</p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: Large Water Heaters and Small Boilers</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that Platform Grace does not have any applicable units.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.22</p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: Natural gas-fired, fan-type central furnaces – NO<sub>x</sub> limits and certification requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that Platform Grace does not have any applicable units.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.1</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Abrasive blasting requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Routine surveillance including assuring that visual inspections, operation, equipment and recordkeeping requirements are being met,.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: 74.2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Architectural coating requirements</p>	<p>Periodic</p>
<p>C. Method of monitoring: Routine surveillance and records including specifying the usage of compliant coatings and maintaining VOC records of coatings used (MSDSs are maintained).</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.16</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Oilfield Drilling Operations</p>	<p>None</p>
<p>C. Method of monitoring: Annual compliance certification to ensure the use of electric power or that drilling engines have valid APCD PTO. Annual source tests or manufacturer certification.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40CFR.61.M</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: National Emissions Standards for Asbestos</p>	<p>None</p>
<p>C. Method of monitoring: Annual certification that inspection procedures outlined in 40 CFR Part 61.145 are met.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: PO1493PC7</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Stationary Natural Gas-Fired Rich-Burn I C Engines – BACT NO<sub>x</sub>, ROC, and CO emission limits. CAM Requirements. G-6A, G-6B, G-6C, G-1A, G-1B, G-1C</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Biennial source test of the generators using the following methods: ARB Method 100 for NO<sub>x</sub>, ARB Method 100 for CO, EPA Method 25 or EPA Method 18 for ROC, ARB Method 100 for oxygen content, and ASTM Method 1826-77 for gaseous fuel heating value. Biennial source test also to obtain air to fuel ratio set point. Annual compliance certification that daily NO<sub>x</sub> measurements utilizing a portable analyzer are being recorded,</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40CFR63ZZZN3</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: RICE MACT for emergency diesel engines – oil change and inspections. Applies to 600 BHP Caterpillar Diesel Back-up Generator Engine (G-02) and 120 BHP Detroit Diesel Emergency Firewater Pump Engine (P-19)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Maintain maintenance records, use of non-resettable hour meter. Annual compliance certification that maintenance records are maintained and that non-resettable hour meter is in use.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40CFR63ZZZN4</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: RICE MACT for non- emergency diesel engines less than or equal to 300 HP – oil change and inspections. Applies to North and South Crane Diesel Engines.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Maintain maintenance records. Annual compliance certification that maintenance records are maintained..</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>





# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 22 to 03 / 31 / 23

<p>A. Attachment # or Permit Condition #: 40CFR63ZZZN7</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: RICE MACT for spark ignited remote engines greater than 500 HP – oil change and inspections. Applies to G-1 series and G-6 series generator engines.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Maintain maintenance records. Annual compliance certification that maintenance records are maintained..</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC8</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: VCAPCD Rules 29 and 71.4 – Drain Pit Operation. Applies to 7.07 sqft Deck Drain Pit.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification that the deck drain pit is being used as a containment berm.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p>	<p>F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form</p>



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 19 to 03 / 31 / 20

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 17 to 03 / 31 / 18

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	
C. Method of monitoring:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	
C. Method of monitoring:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	
C. Method of monitoring:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form





# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form



# ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #:	D. Frequency of monitoring:
B. Description:	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form





Ventura County  
Air Pollution  
Control District

# ANNUAL COMPLIANCE CERTIFICATION

## SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 22 (MM/DD/YY) to 03 / 31 / 23 (MM/DD/YY)

A. Emission Unit Description:  <b>No source testing during this reporting period.</b>			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:



## ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 2022 (MM/DD/YY) to 03 / 31 / 2023 (MM/DD/YY)

A. Attachment # or Permit Condition #:  <p style="text-align: center;"><b>None to Report</b></p>	B. Equipment description:	C. Deviation Period: Date & Time Begin: _____ End: _____ When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:		H. Corrective actions taken:

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time  When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:		H. Corrective actions taken:

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time Begin: End:   When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:		H. Corrective actions taken:

## **ENGINE DATA FOR THE CATERPILLAR ENGINE (G-1A)**

**Engine Manufacturer:** Caterpillar

**Model No.:** G-399 SI-TA HCR

**Serial No.:** 5VA0058

**Engine Location:** Turbine room, southwest corner of platform, production deck

**Summary of Maintenance and Testing Reports are Included for the Following:**

- Service records are attached.

**Source Test Report:** Please refer to the last source test report previously submitted to the District. Enclosed are summary of results.





Condition PQ11493PC5

**PLATFORM GRACE  
G399 CATERPILLAR GENERATOR ENGINE (G-1A)  
DAILY CAM/RULE 74.9 MONITORING**

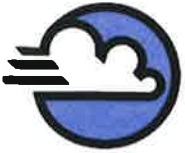
G-1A

Month: MAY

Year: 2022

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST			Tester's Initials
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is NOX greater than 5 ppmv @ 15% O2 and/or CO is greater than 71ppmv a@15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed) CO	Time	
	Nox	CO						
1	1.9	1	0:20					DE
2	3.5	1	0:16					DE
3	3	0	0:27					DE
4	4.3	1	0:06					DE
5	4.7	0	1:18					DE
6	4.2	1	0:12					CR
7	2.1	0	1:11					CR
8	4.1	0	0:53					CR
9	4.6	0	1:03					CR
10	3.8	0	1:05					CR
11	4.4	0	0:45					DE
12	2.1	0	0:27					DE
13	2.6	0	0:38					DE
14	3.5	0	0:31					DE
15	4	0	0:04					DE
16	4.4	0	0:16					JR
17	4.3	0	0:28					JR
18	4.7	0	0:11					JR
19	4	2	1:43					JR
20	3.9	0	0:16					JR
21	2.3	0	0:16					JR
22	3	20	2:09					JR
23	4.1	3	0:14					JR
24	4.4	2	0:11					JR
25	2.8	2	0:09					DR
26	3.4	2	0:14					DR
27	4.6	6	0:32					DR
28	2.6	0	0:04					DR
29	3.5	0	0:01					DE
30	4.4	0	0:30					DE
31	2.5	0	0:59					DE





Ventura County  
Air Pollution  
Control District

4567 Telephone Rd  
Ventura, California 93003

tel 805/303-4005  
fax 805/456-7797  
www.vcapcd.org

Ali Reza Ghasemi, PE  
Interim  
Air Pollution Control Officer

June 9, 2022

Mr. John Garnett  
ESHR Advisor  
Beacon West Energy Group, LLC  
1145 Eugenia Pl. Suite 101  
Carpinteria, California 93013-1970

Dear Mr. Garnett,

Ventura County Air Pollution Control District (APCD) has received your notification that the remaining operational Caterpillar Model G-399 SI-TA HCR, NSCR 915 horsepower rich burn natural gas (NG) engine, designated as Generator G-1A, located on Platform Grace offshore of Ventura, California (Permit No. 01493) is currently intermittently exceeding the permitted NO<sub>x</sub> emission limit. An alternative to operation of Generator Engine G-1A is to operate the 600-horsepower diesel emergency backup Caterpillar Engine designated Generator G-02. To note: The platform is in the process of cold stacking, i.e., shutting down, and only plans to operate the NG engine for two to three more weeks.

The California Air Resources Board (CARB) identified diesel exhaust particulate matter (PM) as a toxic air contaminant based on published evidence of a relationship between diesel exhaust exposure and lung cancer and other adverse health effects. Additional studies on the cancer-causing potential of diesel exhaust published since CARB's determination led the International Agency for Research on Cancer (IARC, a division of the World Health Organization) to list diesel engine exhaust as "carcinogenic to humans".

Additionally, although currently the NG engine is intermittently above the NO<sub>x</sub> limit, the emission profile when compared to the diesel engine demonstrates there is less environmental impact to public health and welfare by operation of NG Engine G-1A in its current condition, as opposed to the operation of the permitted back-up diesel Engine G-02. Also, in order to help reduce emissions, the NG Engine G-1A recently had the catalyst replaced. The backup diesel engine generates diesel exhaust PM and significantly higher NO<sub>x</sub> emissions than NG Engine G-1A in its current condition.

In the interest of clean air and the reduction of toxic air contaminants, APCD will allow the conditional operation of engine G-1A until the process of shutting down and cold stacking the platform is complete.

Conditions include:

1. Permittee shall reduce any excess emissions to the maximum extent feasible.
2. Switch to a PERP or permitted backup engine if cold stacking is postponed past July 15, 2022.
3. Permittee shall retain the obligation to comply with Rule 51, "Nuisance" and all other conditions of Permit No. 01493, as well as local, state, and federal regulations not specifically referenced in Permit No. 01493.
4. Platform Grace (Permit No. 01493) shall maintain records that includes all emission data, including daily NO<sub>x</sub> emission readings. This recordkeeping shall be provided to APCD upon request.

Sincerely,

A handwritten signature in black ink that reads "Neil Hammel".

Neil Hammel  
Supervising Air Quality Specialist, Compliance Division

c. Keith A. Macias – Manager, Compliance Division



40 CFR PART 63 SUBPART ZZZZ  
MAINTENANCE PLAN

PLATFORM GRACE  
NORTH CRANE  
DETROIT DIESEL 8V92, 300 HP

DATE: 4/16/2022  
HOURS: 865  
MECHANIC: Seth M.

ARE DROP DOWN BOXES

(300 HRS OR ANNUAL SERVICE )

INSPECT/CHANGED HOSES AND BELTS: **ANNUALLY OR 500 HRS WHICH EVER COMES FIRST**   
COMMENTS:

REPLACED CATALYST   
COMMENTS:

AIR FILTERS: **CHANGE EVERY 500 HRS**   
COMMENTS:

FUEL FILTERS: **CHANGE ANNUALLY**   
COMMENTS:

OIL FILTERS: **ANNUALLY OR 300 HRS WHICH EVER COMES FIRST**   
COMMENTS:

CRANK CASE OIL: **ANNUALLY OR 300 HRS WHICH EVER COMES FIRST**   
COMMENTS:

Oil ANALYSIS: **ANNUALLY OR 300 HRS WHICH EVER COMES FIRST**   
COMMENTS:

Comments

Blank lines for handwritten comments.

Signature C. Roberts

(A) IF 300 OPERATING HOURS ATTAINED PRIOR TO 12 MONTHS SINCE LAST SERVICE, PERFORM A OIL ANALYSIS BEFORE CHANGING THE OIL.

**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Apr-22**

Equipment	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	542.1	479.2	681.4	587.5	358.5	856.2	428.2	580.6	622.4	761.5	1,072.1	243.3	Gal/mo	7,213.0	N/A	Gal/yr
South Crane	69.0	316.4	225.2	307.3	152.0	286.9	88.7	84.8	334.9	663.4	417.1	130.4	Gal/mo	3,076.1	N/A	Gal/yr
<b>Crane Total</b>	<b>611.1</b>	<b>795.6</b>	<b>906.6</b>	<b>894.8</b>	<b>510.5</b>	<b>1,143.1</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>Gal/mo</b>	<b>10,289</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	279.0	270.0	279.0	279.0	270.0	279.0	270.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	1.93	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
<b>Flare Gas Total</b>	<b>279.0</b>	<b>270.0</b>	<b>279.0</b>	<b>279.0</b>	<b>270.0</b>	<b>279.0</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>1.93</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	5.00	7,915	Gal/yr
G5	0.0	0.2	0.3	3.2	270.2	145.6	34.5	0.0	0.0	7.0	0.8	0.0	Hrs/mo	461.85	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	0.0	0.0	13.0	417.5	0.0	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	1,258.7	1,161.9	2,260.6	2,369.7	1,593.2	2,591.8	1,144.2	84.8	0.0	2,515.2	3,466.3	2,976.8	MSCF/mo	21,423.22	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	2,811.7	2,766.7	3,032.8	1,534.1	2,309.0	1,074.3	1,905.4	3,070.6	3,126.9	687.4	0.0	0.0	MSCF/mo	22,318.88	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>1,258.7</b>	<b>1,161.9</b>	<b>2,260.6</b>	<b>2,369.7</b>	<b>1,593.2</b>	<b>2,591.8</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>MSCF/mo</b>	<b>21.42</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.48</b>	<b>Tons/yr ROC</b>
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Boats:</b>																
Crew Boat Fuel:	2,741.4	2,173.4	2,175.4	3,138.2	1,995.8	2,878.8	2,000.8	2,079.0	2,858.4	3,228.8	3,233.4	2,816.6	Gal/mo	31,320	N/A	Gal/yr
Work Boat Fuel:	4,797.5	1,901.7	1,903.5	1,587.8	1,746.3	2,519.0	1,966.7	1,819.1	2,069.2	1,712.9	1,755.4	2,414.8	Gal/mo	26,194	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>7,538.9</b>	<b>4,075.1</b>	<b>4,078.9</b>	<b>4,726.0</b>	<b>3,742.1</b>	<b>5,397.8</b>	<b>3,967.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>Gal/mo</b>	<b>57,514</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.12	0.07	0.07	0.08	0.06	0.09	0.07	0.06	0.08	0.08	0.08	0.09	Tons/mo	0.95	1.90	Tons/yr at 33.15 lbs/MGal
NOx	2.11	1.14	1.14	1.33	1.05	1.51	1.11	1.09	1.38	1.39	1.40	1.47	Tons/mo	16.13	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.13	0.07	0.07	0.08	0.06	0.09	0.07	0.07	0.08	0.08	0.08	0.09	Tons/mo	0.96	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	Tons/mo	0.22	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.38	0.21	0.21	0.24	0.19	0.28	0.20	0.20	0.25	0.25	0.25	0.27	Tons/mo	2.53	5.54	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)



**Platform Grace  
PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:  
May-22**

Equipment	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	479.2	681.4	587.5	358.5	856.2	428.2	580.6	622.4	761.5	1,072.1	243.3	224.5	Gal/mo	6,895.4	N/A	Gal/yr
South Crane	316.4	225.2	307.3	152.0	286.9	88.7	84.8	334.9	663.4	417.1	130.4	164.0	Gal/mo	3,171.1	N/A	Gal/yr
<b>Crane Total</b>	<b>795.6</b>	<b>906.6</b>	<b>894.8</b>	<b>510.5</b>	<b>1,143.1</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>Gal/mo</b>	<b>10,067</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	270.0	279.0	279.0	270.0	279.0	270.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	1.65	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>270.0</b>	<b>279.0</b>	<b>279.0</b>	<b>270.0</b>	<b>279.0</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>1.65</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	5.00	7,315	Gal/yr
G5	0.2	0.3	3.2	270.2	145.6	34.5	0.0	0.0	7.0	0.8	0.0	0.0	Hrs/mo	461.86	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	0.0	13.0	417.5	0.0	0.0	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	1,161.9	2,260.6	2,369.7	1,593.2	2,591.8	1,144.2	84.8	0.0	2,515.2	3,466.3	2,976.8	3,249.5	MSCF/mo	23,414.04	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	2,766.7	3,032.8	1,534.1	2,309.0	1,074.3	1,905.4	3,070.6	3,128.9	687.4	0.0	0.0	0.0	MSCF/mo	19,507.16	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>1,161.9</b>	<b>2,260.6</b>	<b>2,369.7</b>	<b>1,593.2</b>	<b>2,591.8</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>MSCF/mo</b>	<b>23.41</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-8A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-8B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-8C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.46</b>	<b>Tons/yr ROC</b>
<b>Total Coatings</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>Exempt</b>	<b>Gal/yr</b>
<b>Boats:</b>																
Crew Boat Fuel:	2,173.4	2,175.4	3,138.2	1,995.8	2,878.8	2,000.8	2,079.0	2,858.4	3,228.8	3,233.4	2,816.6	2,166.0	Gal/mo	30,745	N/A	Gal/yr
Work Boat Fuel:	1,901.7	1,903.5	1,587.8	1,746.3	2,519.0	1,966.7	1,819.1	2,069.2	1,712.9	1,755.4	2,414.8	3,790.5	Gal/mo	25,187	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>4,075.1</b>	<b>4,078.9</b>	<b>4,726.0</b>	<b>3,742.1</b>	<b>5,397.8</b>	<b>3,967.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>Gal/mo</b>	<b>55,931</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.07	0.07	0.08	0.06	0.09	0.07	0.06	0.08	0.08	0.08	0.09	0.10	Tons/mo	0.93	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.14	1.14	1.33	1.05	1.51	1.11	1.09	1.38	1.39	1.40	1.47	1.67	Tons/mo	16.69	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.07	0.07	0.08	0.06	0.09	0.07	0.07	0.08	0.08	0.08	0.09	0.10	Tons/mo	0.94	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	Tons/mo	0.21	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.21	0.21	0.24	0.19	0.28	0.20	0.20	0.25	0.25	0.25	0.27	0.30	Tons/mo	2.55	5.54	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Jun-22**

Equipment	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	681.4	587.5	358.5	856.2	428.2	580.6	622.4	761.5	1,072.1	243.3	224.5	146.0	Gal/mo	6,562.2	N/A	Gal/yr
South Crane	225.2	307.3	152.0	286.9	88.7	84.8	334.9	663.4	417.1	130.4	164.0	0.0	Gal/mo	2,854.7	N/A	Gal/yr
<b>Crane Total</b>	<b>906.6</b>	<b>894.8</b>	<b>510.5</b>	<b>1,143.1</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>Gal/mo</b>	<b>9,417</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	279.0	279.0	270.0	279.0	270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	1.38	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>279.0</b>	<b>279.0</b>	<b>270.0</b>	<b>279.0</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>1.38</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	0.3	3.2	270.2	145.6	34.5	0.0	0.0	7.0	0.8	0.0	0.0	0.0	Hrs/mo	461.60	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	139.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	13.0	417.5	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	2,260.6	2,369.7	1,593.2	2,591.8	1,144.2	84.8	0.0	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	MSCF/mo	25,183.65	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	3,032.8	1,534.1	2,309.0	1,074.3	1,905.4	3,070.6	3,126.9	687.4	0.0	0.0	0.0	0.0	MSCF/mo	16,740.45	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>2,260.6</b>	<b>2,369.7</b>	<b>1,593.2</b>	<b>2,591.8</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>MSCF/mo</b>	<b>25.18</b>	<b>94.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.48</b>	<b>Tons/yr ROC</b>
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Boats:</b>																
Crew Boat Fuel:	2,175.4	3,138.2	1,995.8	2,878.8	2,000.8	2,079.0	2,858.4	3,228.8	3,233.4	2,816.6	2,166.0	2,133.8	Gal/mo	30,705	N/A	Gal/yr
Work Boat Fuel:	1,903.5	1,587.8	1,746.3	2,519.0	1,966.7	1,819.1	2,069.2	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	Gal/mo	25,152	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>4,078.9</b>	<b>4,726.0</b>	<b>3,742.1</b>	<b>5,397.8</b>	<b>3,967.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>Gal/mo</b>	<b>55,857</b>	<b>98,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.07	0.08	0.06	0.09	0.07	0.06	0.08	0.08	0.08	0.09	0.10	0.07	Tons/mo	0.93	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.14	1.33	1.05	1.51	1.11	1.09	1.38	1.39	1.40	1.47	1.67	1.12	Tons/mo	15.67	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.07	0.08	0.06	0.09	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.07	Tons/mo	0.94	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	Tons/mo	0.21	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.21	0.24	0.19	0.28	0.20	0.20	0.25	0.25	0.25	0.27	0.30	0.20	Tons/mo	2.66	5.64	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)



**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Jul-22**

Equipment	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	587.5	358.5	856.2	428.2	580.6	622.4	761.5	1,072.1	243.3	224.5	146.0	0.0	Gal/mo	5,880.8	N/A	Gal/yr
South Crane	307.3	152.0	286.9	88.7	84.8	334.9	663.4	417.1	130.4	164.0	0.0	0.0	Gal/mo	2,629.5	N/A	Gal/yr
<b>Crane Total</b>	<b>894.8</b>	<b>510.5</b>	<b>1,143.1</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>8,510</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	279.0	270.0	279.0	270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	1.10	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>279.0</b>	<b>270.0</b>	<b>279.0</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>1.10</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	3.2	270.2	145.6	34.5	0.0	0.0	7.0	0.8	0.0	0.0	0.0	0.0	Hrs/mo	461.28	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	139.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	13.0	417.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	2,369.7	1,593.2	2,591.8	1,144.2	84.8	0.0	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	0.0	MSCF/mo	22,923.03	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	1,534.1	2,309.0	1,074.3	1,905.4	3,070.6	3,126.9	687.4	0.0	0.0	0.0	0.0	0.0	MSCF/mo	13,707.67	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>2,369.7</b>	<b>1,593.2</b>	<b>2,591.8</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>22.92</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-0A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-0B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-0C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>																
													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3560	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
<b>Total Coatings</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>Exempt</b>	<b>Gal/yr</b>
<b>Boats:</b>																
Crew Boat Fuel:	3,138.2	1,995.8	2,878.8	2,000.8	2,079.0	2,858.4	3,228.8	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	Gal/mo	31,203	N/A	Gal/yr
Work Boat Fuel:	1,587.8	1,746.3	2,519.0	1,968.7	1,819.1	2,069.2	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	Gal/mo	25,588	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>4,726.0</b>	<b>3,742.1</b>	<b>5,397.8</b>	<b>3,969.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>Gal/mo</b>	<b>56,791</b>	<b>98,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.08	0.06	0.09	0.07	0.06	0.08	0.08	0.08	0.09	0.10	0.07	0.08	Tons/mo	0.94	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.33	1.05	1.51	1.11	1.09	1.38	1.39	1.40	1.47	1.67	1.12	1.41	Tons/mo	16.93	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.06	0.09	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.07	0.08	Tons/mo	0.95	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	Tons/mo	0.21	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.24	0.19	0.28	0.20	0.20	0.25	0.25	0.25	0.27	0.30	0.20	0.26	Tons/mo	2.90	5.84	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)



**Platform Grace  
PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:  
Aug-22**

Equipment	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	358.5	856.2	428.2	580.6	622.4	761.5	1,072.1	243.3	224.5	146.0	0.0	12.0	Gal/mo	5,305.3	N/A	Gal/yr
South Crane	152.0	286.9	88.7	84.8	334.9	663.4	417.1	130.4	164.0	0.0	0.0	21.0	Gal/mo	2,343.2	N/A	Gal/yr
<b>Crane Total</b>	<b>510.5</b>	<b>1,143.1</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>33.0</b>	<b>Gal/mo</b>	<b>7,649</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	270.0	279.0	270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.82	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>270.0</b>	<b>279.0</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.82</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	270.2	145.6	34.5	0.0	0.0	7.0	0.8	0.0	0.0	0.0	0.0	0.0	Hrs/mo	458.08	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	13.0	417.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	1,593.2	2,591.8	1,144.2	84.8	0.0	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	0.0	0.0	MSCF/mo	20,553.29	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	2,309.0	1,074.3	1,905.4	3,070.6	3,126.9	687.4	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	12,173.61	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>1,593.2</b>	<b>2,591.8</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>20.55</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Boats:</b>																
Crew Boat Fuel:	1,995.8	2,878.8	2,000.8	2,079.0	2,858.4	3,228.8	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	2,085.4	Gal/mo	30,150	N/A	Gal/yr
Work Boat Fuel:	1,746.3	2,519.0	1,966.7	1,819.1	2,069.2	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	1,824.7	Gal/mo	25,825	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>3,742.1</b>	<b>5,397.8</b>	<b>3,967.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>3,910.1</b>	<b>Gal/mo</b>	<b>55,976</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.06	0.09	0.07	0.06	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.06	Tons/mo	0.93	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.05	1.51	1.11	1.09	1.38	1.39	1.40	1.47	1.67	1.12	1.41	1.10	Tons/mo	15.70	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.06	0.09	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.07	Tons/mo	0.94	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	Tons/mo	0.21	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.19	0.28	0.20	0.20	0.25	0.25	0.25	0.27	0.30	0.20	0.26	0.20	Tons/mo	2.55	5.54	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Sep-22**

Equipment	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	856.2	428.2	580.6	622.4	761.5	1,072.1	243.3	224.5	146.0	0.0	12.0	8.0	Gal/mo	4,954.8	N/A	Gal/yr
South Crane	286.9	88.7	84.8	334.9	663.4	417.1	130.4	164.0	0.0	0.0	21.0	11.0	Gal/mo	2,202.2	N/A	Gal/yr
<b>Crane Total</b>	<b>1,143.1</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>33.0</b>	<b>19.0</b>	<b>Gal/mo</b>	<b>7,157</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	279.0	270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.55	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>279.0</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.55</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	65,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	145.6	34.5	0.0	0.0	7.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	Hrs/mo	187.86	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	13.0	417.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	2,591.8	1,144.2	84.8	0.0	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	0.0	0.0	0.0	MSCF/mo	18,960.13	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	1,074.3	1,905.4	3,070.6	3,126.9	687.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	9,864.57	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>2,591.8</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>18.96</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
C-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>																
													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Boats:</b>																
Crew Boat Fuel:	2,878.8	2,000.8	2,079.0	2,858.4	3,226.8	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	2,085.4	1,862.6	Gal/mo	30,017	N/A	Gal/yr
Work Boat Fuel:	2,519.0	1,966.7	1,819.1	2,089.2	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	1,824.7	1,629.8	Gal/mo	25,709	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>5,397.8</b>	<b>3,967.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>3,910.1</b>	<b>3,492.4</b>	<b>Gal/mo</b>	<b>55,726</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.09	0.07	0.06	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.06	0.06	Tons/mo	0.92	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.51	1.11	1.09	1.38	1.39	1.40	1.47	1.67	1.12	1.41	1.10	0.98	Tons/mo	16.63	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.09	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.07	0.06	Tons/mo	0.93	1.92	Tons/yr at 33.80 lbs/MGal
SOx	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	Tons/mo	0.21	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.28	0.20	0.20	0.25	0.25	0.25	0.27	0.30	0.20	0.26	0.20	0.18	Tons/mo	2.84	5.84	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)



**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Oct-22**

Equipment	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	428.2	580.6	622.4	761.5	1,072.1	243.3	224.5	146.0	0.0	12.0	8.0	4.0	Gal/mo	4,102.6	N/A	Gal/yr
South Crane	88.7	84.8	334.9	663.4	417.1	130.4	164.0	0.0	0.0	21.0	11.0	9.0	Gal/mo	1,924.3	N/A	Gal/yr
<b>Crane Total</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>33.0</b>	<b>19.0</b>	<b>13.0</b>	<b>Gal/mo</b>	<b>6,027</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.27	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.27</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	65,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	34.5	0.0	0.0	7.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Hrs/mo	42.25	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	13.0	417.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	1,144.2	84.8	0.0	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	0.0	0.0	0.0	0.0	MSCF/mo	16,368.30	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	1,905.4	3,070.6	3,126.9	687.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	8,790.30	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>16.37</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-0A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-0B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-0C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>																
													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Boats:</b>																
Crew Boat Fuel:	2,000.8	2,079.0	2,858.4	3,228.8	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	2,085.4	1,862.6	2,200.8	Gal/mo	29,339	N/A	Gal/yr
Work Boat Fuel:	1,966.7	1,819.1	2,069.2	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	1,824.7	1,629.8	1,925.7	Gal/mo	25,115	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>3,967.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>3,910.1</b>	<b>3,492.4</b>	<b>4,126.5</b>	<b>Gal/mo</b>	<b>54,455</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.07	0.06	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.06	0.06	0.07	Tons/mo	0.90	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.11	1.09	1.38	1.39	1.40	1.47	1.67	1.12	1.41	1.10	0.98	1.16	Tons/mo	15.27	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.07	0.06	0.07	Tons/mo	0.91	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	Tons/mo	0.20	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.20	0.20	0.25	0.25	0.25	0.27	0.30	0.20	0.26	0.20	0.18	0.21	Tons/mo	2.78	5.84	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

**Platform Grace  
PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:  
Nov-22**

Equipment	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	580.6	622.4	761.5	1,072.1	243.3	224.5	146.0	0.0	12.0	8.0	4.0	7.0	Gal/mo	3,681.4	N/A	Gal/yr
South Crane	84.8	334.9	663.4	417.1	130.4	164.0	0.0	0.0	21.0	11.0	9.0	13.0	Gal/mo	1,848.6	N/A	Gal/yr
<b>Crane Total</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>33.0</b>	<b>19.0</b>	<b>13.0</b>	<b>20.0</b>	<b>Gal/mo</b>	<b>5,530</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	0.0	0.0	7.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Hrs/mo	7.76	1,314	Hrs/yr
P-19 Firewater Pump	0.0	139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	417.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	417.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	84.8	0.0	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	0.0	0.0	0.0	0.0	0.0	MSCF/mo	15,224.15	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	3,070.6	3,126.9	687.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	6,884.85	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>15.22</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>																
													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
<b>Total Coatings</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>Exempt</b>	<b>Gal/yr</b>
<b>Boats:</b>																
Crew Boat Fuel:	2,079.0	2,858.4	3,228.8	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	2,085.4	1,862.6	2,200.8	1,642.0	Gal/mo	28,980	N/A	Gal/yr
Work Boat Fuel:	1,819.1	2,069.2	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	1,824.7	1,629.8	1,925.7	1,436.8	Gal/mo	24,585	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>3,910.1</b>	<b>3,492.4</b>	<b>4,126.5</b>	<b>3,078.8</b>	<b>Gal/mo</b>	<b>53,566</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.06	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.06	0.06	0.07	0.05	Tons/mo	0.89	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.09	1.38	1.39	1.40	1.47	1.67	1.41	1.10	0.98	1.16	0.88	0.88	Tons/mo	15.03	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.07	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.07	0.06	0.07	0.05	Tons/mo	0.90	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	Tons/mo	0.20	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.20	0.25	0.25	0.25	0.27	0.30	0.20	0.26	0.20	0.18	0.21	0.16	Tons/mo	2.73	5.84	Tons/yr at 102.05 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)



**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Dec-22**

Equipment	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	622.4	761.5	1,072.1	243.3	224.5	146.0	0.0	12.0	8.0	4.0	7.0	11.0	Gal/mo	3,111.8	N/A	Gal/yr
South Crane	334.9	663.4	417.1	130.4	164.0	0.0	0.0	21.0	11.0	9.0	13.0	8.0	Gal/mo	1,771.8	N/A	Gal/yr
<b>Crane Total</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>33.0</b>	<b>19.0</b>	<b>13.0</b>	<b>20.0</b>	<b>19.0</b>	<b>Gal/mo</b>	<b>4,884</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,316	Gal/yr
G5	0.0	7.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Hrs/mo	7.76	1,314	Hrs/yr
P-19 Firewater Pump	139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	0.0	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	15,139.30	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	3,126.9	687.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	3,814.30	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>15.14</b>	<b>64.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>																
													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.46</b>	<b>Tons/yr ROC</b>
<b>Total Coatings</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>Exempt</b>	<b>Gal/yr</b>
<b>Boats:</b>																
Crew Boat Fuel:	2,858.4	3,228.8	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	2,085.4	1,862.6	2,200.8	1,642.0	2,011.4	Gal/mo	28,913	N/A	Gal/yr
Work Boat Fuel:	2,069.2	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	1,824.7	1,629.8	1,925.7	1,436.8	1,760.0	Gal/mo	24,526	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>3,910.1</b>	<b>3,492.4</b>	<b>4,126.5</b>	<b>3,078.8</b>	<b>3,771.4</b>	<b>Gal/mo</b>	<b>53,439</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.06	0.06	0.07	0.05	0.06	Tons/mo	0.89	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.38	1.39	1.40	1.47	1.67	1.12	1.41	1.10	0.98	1.18	0.86	1.06	Tons/mo	14.99	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.08	0.08	0.09	0.10	0.07	0.08	0.07	0.06	0.07	0.05	0.06	Tons/mo	0.90	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	Tons/mo	0.20	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.25	0.25	0.25	0.27	0.30	0.20	0.26	0.20	0.18	0.21	0.16	0.19	Tons/mo	2.73	5.84	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Jan-23**

Equipment	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	761.5	1,072.1	243.3	224.5	146.0	0.0	12.0	8.0	4.0	7.0	11.0	13.0	Gal/mo	2,502.4	N/A	Gal/yr
South Crane	683.4	417.1	130.4	164.0	0.0	0.0	21.0	11.0	9.0	13.0	8.0	16.0	Gal/mo	1,452.9	N/A	Gal/yr
<b>Crane Total</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>33.0</b>	<b>19.0</b>	<b>13.0</b>	<b>20.0</b>	<b>19.0</b>	<b>29.0</b>	<b>Gal/mo</b>	<b>3,955</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	7.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Hrs/mo	7.75	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	2,515.2	3,466.3	2,976.8	3,249.5	2,931.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	15,139.30	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	687.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	687.40	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>15.14</b>	<b>94.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
<b>Total Coatings</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>Exempt</b>	<b>Gal/yr</b>
<b>Boats:</b>																
Crew Boat Fuel:	3,228.8	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	2,085.4	1,862.6	2,200.8	1,642.0	2,011.4	1,770.0	Gal/mo	27,824	N/A	Gal/yr
Work Boat Fuel:	1,712.9	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	1,824.7	1,629.8	1,925.7	1,436.8	1,760.0	1,548.8	Gal/mo	24,006	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>3,910.1</b>	<b>3,492.4</b>	<b>4,126.5</b>	<b>3,078.8</b>	<b>3,771.4</b>	<b>3,318.8</b>	<b>Gal/mo</b>	<b>51,830</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.08	0.08	0.09	0.10	0.07	0.08	0.06	0.06	0.07	0.05	0.06	0.06	Tons/mo	0.86	1.90	Tons/yr at 33.16 lbs/MGal
NOx	1.39	1.40	1.47	1.67	1.12	1.41	1.10	0.98	1.16	0.86	1.08	0.93	Tons/mo	14.54	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.08	0.09	0.10	0.07	0.08	0.07	0.06	0.07	0.05	0.06	0.06	Tons/mo	0.87	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01	Tons/mo	0.19	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.25	0.25	0.27	0.30	0.20	0.26	0.20	0.18	0.21	0.16	0.19	0.17	Tons/mo	2.64	5.84	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)



**Platform Grace  
PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:  
Feb-23**

Equipment	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
<b>Cranes:</b>																
North Crane	1,072.1	243.3	224.5	146.0	0.0	12.0	8.0	4.0	7.0	11.0	13.0	9.0	Gal/mo	1,749.9	N/A	Gal/yr
South Crane	417.1	130.4	164.0	0.0	0.0	21.0	11.0	9.0	13.0	8.0	16.0	11.0	Gal/mo	800.5	N/A	Gal/yr
<b>Crane Total</b>	<b>1,489.2</b>	<b>373.7</b>	<b>388.5</b>	<b>146.0</b>	<b>0.0</b>	<b>33.0</b>	<b>19.0</b>	<b>13.0</b>	<b>20.0</b>	<b>19.0</b>	<b>29.0</b>	<b>20.0</b>	<b>Gal/mo</b>	<b>2,550</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>0.00</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	7,315	Gal/yr
G5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Hrs/mo	0.75	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	3,466.3	2,976.8	3,249.5	2,931.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	12,624.10	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>3,466.3</b>	<b>2,976.8</b>	<b>3,249.5</b>	<b>2,931.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>12.62</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>													Gal/mo	0.00	4,300	Gal/yr
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
<b>Boats:</b>																
Crew Boat Fuel:	3,233.4	2,816.6	2,166.0	2,133.8	2,673.6	2,085.4	1,862.6	2,200.8	1,642.0	2,011.4	1,770.0	1,679.8	Gal/mo	26,275	N/A	Gal/yr
Work Boat Fuel:	1,755.4	2,414.8	3,790.5	1,867.1	2,339.4	1,824.7	1,629.8	1,925.7	1,436.8	1,760.0	1,548.8	1,469.8	Gal/mo	23,763	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>4,988.8</b>	<b>5,231.4</b>	<b>5,956.5</b>	<b>4,000.9</b>	<b>5,013.0</b>	<b>3,910.1</b>	<b>3,492.4</b>	<b>4,126.5</b>	<b>3,078.8</b>	<b>3,771.4</b>	<b>3,318.8</b>	<b>3,149.6</b>	<b>Gal/mo</b>	<b>50,038</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.08	0.09	0.10	0.07	0.08	0.06	0.06	0.07	0.05	0.06	0.06	0.05	Tons/mo	0.83	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.40	1.47	1.67	1.12	1.41	1.10	0.98	1.16	0.86	1.06	0.93	0.88	Tons/mo	14.04	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.09	0.10	0.07	0.08	0.07	0.06	0.07	0.05	0.06	0.06	0.05	Tons/mo	0.84	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	Tons/mo	0.19	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.25	0.27	0.30	0.20	0.26	0.20	0.18	0.21	0.16	0.19	0.17	0.16	Tons/mo	2.55	5.84	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

**Platform Grace**  
**PTO No. 1493 Equipment Usage**

**Rolling 12-Months Ending:**  
**Mar-22**

<b>Equipment</b>	<b>Apr-21</b>	<b>May-21</b>	<b>Jun-21</b>	<b>Jul-21</b>	<b>Aug-21</b>	<b>Sep-21</b>	<b>Oct-21</b>	<b>Nov-21</b>	<b>Dec-21</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Monthly Units</b>	<b>12-Month Total</b>	<b>Permit Limit</b>	<b>12-Mo &amp; Permit Units</b>
<b>Cranes:</b>																
North Crane	508.3	542.1	479.2	881.4	587.5	358.5	856.2	428.2	580.6	622.4	761.5	1,072.1	Gal/mo	7,478.0	N/A	Gal/yr
South Crane	178.0	69.0	316.4	225.2	307.3	152.0	286.9	88.7	84.8	334.9	663.4	417.1	Gal/mo	3,123.7	N/A	Gal/yr
<b>Crane Total</b>	<b>686.3</b>	<b>611.1</b>	<b>795.6</b>	<b>906.6</b>	<b>894.8</b>	<b>510.5</b>	<b>1,143.1</b>	<b>516.9</b>	<b>665.4</b>	<b>957.3</b>	<b>1,424.9</b>	<b>1,489.2</b>	<b>Gal/mo</b>	<b>10,602</b>	<b>13,344</b>	<b>Gal/yr<sup>a</sup></b>
<b>Flare Gas Consumption:</b>																
Planned (HP+LP)	270.0	279.0	270.0	279.0	279.0	270.0	279.0	270.0	0.0	0.0	0.0	0.0	MSCF/mo	2.20	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
<b>Flare Gas Total</b>	<b>270.0</b>	<b>279.0</b>	<b>270.0</b>	<b>279.0</b>	<b>279.0</b>	<b>270.0</b>	<b>279.0</b>	<b>270.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MSCF/mo</b>	<b>2.20</b>	<b>7.19</b>	<b>MMSCF/yr<sup>b</sup></b>
<b>Generators:</b>																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	0.0	0.0	Gal/mo	350.00	55,900	Gal/yr
G3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MMSCF/mo	0.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	5.00	7,315	Gal/yr
G5	0.0	0.0	0.2	0.3	3.2	270.2	145.6	34.5	0.0	0.0	7.0	0.8	Hrs/mo	461.95	1,314	Hrs/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.0	0.0	0.0	Gal/mo	139.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	417.5	0.0	0.0	0.0	Gal/mo	430.50	Exempt	Gal/yr
<b>Production Engines</b>																
G-1A	1,272.7	1,258.7	1,161.9	2,260.6	2,369.7	1,593.2	2,591.8	1,144.2	84.8	0.0	2,515.2	3,466.3	MSCF/mo	19,719.09	N/A	MMSCF/yr
G-1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	0.00	N/A	MMSCF/yr
G-1C	2,431.4	2,811.7	2,766.7	3,032.8	1,534.1	2,309.0	1,074.3	1,905.4	3,070.6	3,126.9	687.4	0.0	MSCF/mo	24,750.31	N/A	MMSCF/yr
<b>Production ICE Total</b>	<b>1,272.7</b>	<b>1,258.7</b>	<b>1,161.9</b>	<b>2,260.6</b>	<b>2,369.7</b>	<b>1,593.2</b>	<b>2,591.8</b>	<b>1,144.2</b>	<b>84.8</b>	<b>0.0</b>	<b>2,515.2</b>	<b>3,466.3</b>	<b>MSCF/mo</b>	<b>19.72</b>	<b>84.48</b>	<b>MMSCF/yr</b>
<b>Drilling Engines</b>																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
<b>Drilling ICE Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>MMSCF/mo</b>	<b>0.00</b>	<b>126.72</b>	<b>MMSCF/yr</b>
<b>Diesel Backup Generator</b>													<b>Gal/mo</b>	<b>0.00</b>	<b>4,300</b>	<b>Gal/yr</b>
<b>Tanks Throughputs</b>																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
<b>Solvent Usage</b>																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det													Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
<b>Total Solvents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>4.45</b>	<b>Tons/yr ROC</b>
<b>Total Coatings</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Gal/mo</b>	<b>0.00</b>	<b>Exempt</b>	<b>Gal/yr</b>
<b>Boats:</b>																
Crew Boat Fuel:	2,576.8	2,741.4	2,173.4	2,175.4	3,138.2	1,995.8	2,878.8	2,000.8	2,079.0	2,858.4	3,228.8	3,233.4	Gal/mo	31,080	N/A	Gal/yr
Work Boat Fuel:	2,254.7	4,797.5	1,901.7	1,903.5	1,587.8	1,746.3	2,519.0	1,966.7	1,819.1	2,069.2	1,712.9	1,755.4	Gal/mo	26,034	N/A	Gal/yr
<b>Total Boat Fuel:</b>	<b>4,831.5</b>	<b>7,538.9</b>	<b>4,075.1</b>	<b>4,078.9</b>	<b>4,726.0</b>	<b>3,742.1</b>	<b>5,397.8</b>	<b>3,967.5</b>	<b>3,898.1</b>	<b>4,927.6</b>	<b>4,941.7</b>	<b>4,988.8</b>	<b>Gal/mo</b>	<b>57,114</b>	<b>96,792</b>	<b>Gal/yr<sup>c</sup></b>
<b>Boat Emissions: tons</b>																
ROC	0.08	0.12	0.07	0.07	0.08	0.06	0.09	0.07	0.06	0.08	0.08	0.08	Tons/mo	0.95	1.50	Tons/yr at 33.15 lbs/MGal
NOx	1.36	2.11	1.14	1.14	1.33	1.05	1.51	1.11	1.09	1.38	1.39	1.40	Tons/mo	16.02	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.13	0.07	0.07	0.08	0.06	0.09	0.07	0.07	0.08	0.08	0.08	Tons/mo	0.96	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.03	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	Tons/mo	0.21	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.25	0.38	0.21	0.21	0.24	0.19	0.28	0.20	0.20	0.25	0.25	0.25	Tons/mo	2.91	5.84	Tons/yr at 102.00 lbs/MGal

<sup>a</sup> Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

<sup>b</sup> Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

<sup>c</sup> Boat fuel usage is tracked at Platform Gail (PTO No. 1494)





# Oilfield Environmental & Compliance, Inc.

Beacon West - Carpinteria 5675 Carpinteria Ave. Carpinteria CA, 93013	Project: Monthly Gas & NGL'S Samples Project Number: C-93/T-380, T-1&2 Vapors to Flare Project Manager: Art Daniels	WO & Reported: <b>2207753</b> 12/13/2022 14:04
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## Analytical Report for Samples

Sample ID : **C-93 Total Fuel Gas (Buy Back)** Sampled : 12/02/22 13:00  
 Matrix : Air Sampled by : Pete Alcocer  
 Lab ID : 2207753-01 Field Data : Temperature (F): 60

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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### Sulfur Compounds

Hydrogen Sulfide (H2S)	0.063	0.050	ppmv	1	B2L0034	12/02/22 15:36	EPA 15 & 16/ASTM D5504M	
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Sample ID : **T-380, T-1&2 Vapors to Flare** Sampled : 12/02/22 12:30  
 Matrix : Air Sampled by : Pete Alcocer  
 Lab ID : 2207753-02 Field Data : Temperature (F): 60

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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### Sulfur Compounds

Hydrogen Sulfide (H2S)	4.2	0.050	ppmv	1	B2L0034	12/02/22 15:25	EPA 15 & 16/ASTM D5504M	
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*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



# Oilfield Environmental & Compliance, Inc.

Beacon West - Carpinteria 5675 Carpinteria Ave. Carpinteria CA, 93013	Project: Monthly Gas & NGL'S Samples Project Number: C-93/T-380, T-1&2 Vapors to Flare Project Manager: Art Daniels	WO & Reported: <b>2207753</b> 12/13/2022 14:04
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## Sulfur Compounds - Quality Control

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2L0034 - EPA 15 & 16/ASTM D5504M** Preparation: None-gases 12/01/22 15:22

<b>Blank (B2L0034-BLK1)</b>		Analyzed: 12/02/22 05:51								
Hydrogen Sulfide (H2S)	ND	0.050	ppmv							
<b>LCS (B2L0034-BS1)</b>		Analyzed: 12/01/22 16:54								
Hydrogen Sulfide (H2S)	8.46	0.050	ppmv	9.40		90	70-130			
<b>Duplicate (B2L0034-DUP1)</b>		Source: 2207793-02		Analyzed: 12/02/22 07:49						
Hydrogen Sulfide (H2S)	ND	0.050	ppmv		ND				30	

## Sample Method Summary

Analysis	Method	Matrix	Laboratory & Certification
<b>Sulfur Compounds</b>			
OG- H2S - EPA 15/16	EPA 15 & 16/ASTM D5504M	Air	OEC, Internal

## Notes and Definitions

Qualifier	Definition
MDL	Method Detection Limit
RL	Reporting Limit (Quantitation Limit)
ND	Analyte NOT DETECTED at or above the method limit (MDL)
RPD	Relative Percent Difference
TMP4	Temperature [Out-Acceptable] Ambient, Air or Filter Matrix

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



## Letter of Conformance

February 1, 2023

This is to certify that the CARB Ultra Low sulfur dyed Diesel Fuel sold and delivered to Beacon West Energy Group for Platform Gail & Platform Grace.

is in compliance with California Air Resources Board requirements for Ventura County. The test Results meet ASTM D-5453 and are Typical of all CARB Ultra Low Sulfur Dyed Diesel Fuel sold by SC Fuels. The sulfur Content is guaranteed to be less than .0015%. (15PPM) The high heat content is typically in the 19,950-20,200 BTU per pound range.

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