



Ventura County
Air Pollution
Control District

**RESPONSIBLE OFFICIAL'S
CERTIFICATION FORM**


Ventura County APCD Rule 33.9 requires that "any document, including reports, schedule of compliance progress reports and compliance certifications, required by a Part 70 permit shall be certified by a responsible official." Therefore, this form shall be signed by the company's Responsible Official and submitted with all such reports, including, but not limited to semi-annual reports, deviation and emergency reports and any periodic reports required by a Part 70 permit. However, when submitting your Annual Compliance Certifications, please use the form titled Annual Compliance Certification Signature Cover Form.

Semi-annual reports, deviations and emergency reports and any periodic reports required by your Part 70 permit should be submitted to:

Lyle Olson
Air Quality Engineer
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

Certification by Responsible Official

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

<p>Signature and Title of Responsible Official:</p> <p>Signature: <u></u></p> <p>Title: <u>OPERATIONS MANAGER</u></p>	<p>Date:</p> <p>16-MAY-2014</p>
--	---------------------------------

A.P.C.D.
MAY 19 AM 10:31
COUNTY



May 15, 2014

Mr. Dan Searcy
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, 2013 through March 31, 2014**

Dear Mr. Duval:

Pursuant to the requirements of the Title V Part 70 Federal Operating Permit No. 1493, Venoco, Inc. is submitting the Platform Grace Part 70 Annual Compliance Certification Report for the reporting period of April 1, 2013 through March 31, 2014.

If you have questions or need additional information, please call me at (805) 745-2264.

Sincerely,

Patrick T. Corcoran
Environmental Coordinator

Encl.

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

A.P.C.D.
MAY 19 AM 10:32
VENTURA COUNTY
AIR POLLUTION CONTROL DISTRICT



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:

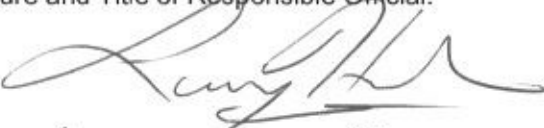
Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

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: OPERATIONS MANAGER	Date: 16-MAY-2014
--	----------------------

Time Period Covered by Compliance Certification <u>04 / 01 / 2013</u> (MM/DD/YY) to <u>03 / 31 / 2014</u> (MM/DD/YY)



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 13 to 03 / 31 / 14

<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&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 < 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_x, 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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: <u>74.9N7</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Emergency Standby Stationary Internal Combustion Engines Operated During Either an Emergency or Maintenance Operation</p>	<p>Periodic</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>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 #: <u>74.9N8</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Stationary diesel-fired internal combustion engines with permitted capacity factor of 15% or less.</p>	<p>Periodic</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>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 #: <u>74.9N9</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Stationary diesel-fired internal combustion engines used to power cranes and welding equipment</p>	<p>Periodic</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>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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: ATCM ENG.N3</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>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:</p> <p>Annual certification that monthly fuel consumption records and fuel type records are maintained. ATCM emission standards are not federally enforceable.</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 #: PO1493PC1-Condition No. 1</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>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:</p> <p>Monthly records of throughputs and fuel consumption. Annual compliance certification that these records are maintained. See attached 12-Month Rolling data.</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 #: PO1493PC1-Condition No. 2</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>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:</p> <p>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></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 / 13 to 03 / 31 / 14

<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. See attached 12-month rolling data.</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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 6</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Platform Grace Additional Requirements - Crew boat permitted engines</p>	<p>Periodic</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>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 #: PO1493PC1-Condition No. 7</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Platform Grace Additional Requirements - Work boat permitted engines</p>	<p>Periodic</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>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 #: PO1493PC1-Condition No. 8</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Platform Grace Additional Requirements - Solvent Recordkeeping</p>	<p>Periodic</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>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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: PO1493PC2-Conditions Nos. 1 and 4</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. See attached 12-month rolling data.</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. 2 and 3</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 / 13 to 03 / 31 / 14

<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_x, 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_x, 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_x 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. See attached rolling 12-month data.</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 / 13 to 03 / 31 / 14

<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 / 13 to 03 / 31 / 14

<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% CO₂ 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: Annual fuel analysis of the total sulfur content measured as hydrogen sulfide using SCAQMD Method 307-94.</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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: <u>64.B.2</u></p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>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:</p> <p>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></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>71.1.C</u></p>	<p>D. Frequency of monitoring:</p> <p>Quarterly</p>
<p>B. Description:</p> <p>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:</p> <p>Fugitive I&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></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>71.4.B.1</u></p>	<p>D. Frequency of monitoring:</p> <p>None</p>
<p>B. Description:</p> <p>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:</p> <p>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></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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: <u>71.4.B.3</u></p>	<p>D. Frequency of monitoring:</p> <p style="margin-left: 20px;">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 style="margin-left: 20px;">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 style="margin-left: 20px;">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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: <u>74.11.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Large Water Heaters and Small Boilers</p>	<p>None</p>
<p>C. Method of monitoring: Annual certification that Platform Grace does not have any applicable units.</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></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.22</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Natural gas-fired, fan-type central furnaces – NO_x limits and certification requirements</p>	<p>None</p>
<p>C. Method of monitoring: Annual certification that Platform Grace does not have any applicable units.</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></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Abrasive blasting requirements</p>	<p>Periodic</p>
<p>C. Method of monitoring: Routine surveillance including assuring that visual inspections, operation, equipment and recordkeeping requirements are being 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></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 12 to 03 / 31 / 13

<p>A. Attachment # or Permit Condition #: <u>74.2</u></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 #: <u>74.16</u></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 #: <u>40CFR.61.M</u></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 / 13 to 03 / 31 / 14

<p>A. Attachment # or Permit Condition #: PO1493PC7</p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Stationary Natural Gas-Fired Rich-Burn I C Engines – BACT NO_x, ROC, and CO emission limits. CAM Requirements. G-6A, G-6B, G-6C, G-1A, G-1B.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Biennial source test of the generators using the following methods: ARB Method 100 for NO_x, 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_x measurements utilizing a portable analyzer are being recorded.</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 #:</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): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____</p> <p>*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): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____</p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 2013 (MM/DD/YY) to 03 / 31 / 2014 (MM/DD/YY)

A. Attachment # or Permit Condition #: NO DEVIATIONS DURING THE REPORTING PERIOD	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 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 Begin: _____ End: _____ When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:		H. Corrective actions taken:



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 13 (MM/DD/YY) to 03 / 31 / 14 (MM/DD/YY)

A. Emission Unit Description: Generator G-1A			B. Pollutant: NOX
C. Measured Emission Rate: 1.8 ppmv @ 15% O2	D. Limited Emission Rate: 5 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 214-009	F. Test Date: 01/29/2014

A. Emission Unit Description: Generator G-1A			B. Pollutant: CO
C. Measured Emission Rate: 26.6 ppmv @ 15% O2	D. Limited Emission Rate: 71 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 214-009	F. Test Date: 01/29/2014

A. Emission Unit Description: Generator G-1A			B. Pollutant: ROC
C. Measured Emission Rate: 5.1 ppmv @ 15% O2	D. Limited Emission Rate: 14 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # Report # 214-009	F. Test Date: 01/29/2014

A. Emission Unit Description: Generator G-1B			B. Pollutant: NOX
C. Measured Emission Rate: 0.8 ppmv @ 15% O2	D. Limited Emission Rate: 5 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 214-009	F. Test Date: 01/29/2014

A. Emission Unit Description: Generator G-1B			B. Pollutant: CO
C. Measured Emission Rate: 10.9 ppmv @ 15% O2	D. Limited Emission Rate: 71 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 214-009	F. Test Date: 01/29/2014



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 13 (MM/DD/YY) to 03 / 31 / 14 (MM/DD/YY)

A. Emission Unit Description: Generator G-1B			B. Pollutant: ROC
C. Measured Emission Rate: 11.6 ppmv @ 15% O2	D. Limited Emission Rate: 14 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/23/2012

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: CO
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: ROC
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 211-016	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:

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Apr-13

Equipment	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Crane:																
North Crane	206.0	237.0	181.0	112.0	168.0	252.0	181.0	158.0	114.9	114.0	122.0	71.0	Gal/mo	1,916.9	N/A	Gallyr
South Crane	0.0	45.0	0.0	51.5	0.0	0.0	0.0	0.0	89.0	0.0	20.0	0.0	Gal/mo	185.5	N/A	Gallyr
Crane Total	206.0	282.0	181.0	163.5	168.0	252.0	181.0	158.0	183.9	114.0	142.0	71.0	Gal/mo	2,102	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	95.0	145.0	173.0	106.0	69.0	86.0	104.0	93.0	90.0	50.0	30.0	95.0	MSCF/mo	1.14	N/A	MMSCF/yr
Unplanned (HP+LP)	79.0	326.0	17.0	228.0	0.0	294.0	0.0	1.0	984.0	272.0	120.0	205.0	MSCF/mo	2.53	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	174.0	472.0	190.0	334.0	69.0	380.0	104.0	94.0	1,074.0	322.0	150.0	300.0	MSCF/mo	3.66	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	2,423.0	28.0	2,106.0	0.0	0.0	0.0	53.0	3.0	0.0	26.0	6.0	Gal/mo	4,647.00	55,900	Gallyr
G3	0.001	0.001	0.000	0.000	0.001	0.015	0.001	0.002	0.005	0.003	0.003	0.001	MMSCF/mo	0.03	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	2.0	5.0	0.0	2.6	0.9	0.8	2.4	0.7	3.0	1.3	Gal/mo	18.70	7,315	Gallyr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	13.4	Gal/mo	41.00	Exempt	Gallyr
Portable Equipment	154.0	37.0	65.5	92.5	10.0	10.0	88.0	140.5	84.0	27.0	108.0	124.0	Gal/mo	910.50	Exempt	Gallyr
Production Engines																
G-1A	2,558.5	1,881.2	0.0	0.0	0.0	637.9	1,140.9	2,672.8	569.7	1,945.0	1,340.1	3,003.1	MSCF/mo	15,849.23	N/A	MMSCF/yr
G-1B	471.7	737.1	3,545.5	2,971.8	3,448.1	2,789.0	2,051.9	650.0	2,805.7	1,088.0	2,217.7	398.8	MSCF/mo	23,154.28	N/A	MMSCF/yr
Production ICE Total	3,130.2	2,618.3	3,545.5	2,971.8	3,448.1	3,425.9	3,192.8	3,322.8	3,375.4	3,013.0	3,557.8	3,401.9	MSCF/mo	39.00	60.00	MMSCF/yr
Drilling Engines																
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	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gallyr
Tanks Throughputs																
T-3A	1,435.0	1,502.5	1,140.0	1,088.0	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	Bbl/mo	16,346	20	MBbl/yr
T-3B	1,435.0	1,502.5	1,140.0	1,088.0	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	Bbl/mo	16,346	20	MBbl/yr
V-8	2,870.0	3,005.0	2,280.0	2,176.0	2,425.0	2,704.0	2,565.0	2,835.0	2,813.0	2,899.0	3,005.0	3,155.0	Bbl/mo	32,733	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	Gal/mo	0.01	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Del	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
Total Solvents	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	Gal/mo	0.01	4.45	Tons/yr ROC
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	6.5	12.0	21.3	17.8	20.0	27.5	Gal/mo	105.00	Exempt	Gallyr
Boats:																
Crew Boat Fuel:	4,864.4	3,260.0	2,609.4	2,314.4	2,576.4	2,500.6	600.0	2,820.4	2,176.0	1,826.8	2,501.2	2,673.0	Gal/mo	30,725	N/A	Gallyr
Work Boat Fuel:	4,416.7	6,644.4	2,213.2	2,025.1	2,254.4	2,538.0	525.0	0.0	0.0	0.0	0.0	2,052.0	Gal/mo	22,659	N/A	Gallyr
Total Boat Fuel:	9,281.1	9,904.4	4,822.6	4,339.5	4,830.8	5,038.6	1,125.0	2,820.4	2,176.0	1,826.8	2,501.2	4,725.0	Gal/mo	53,383	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.15	0.16	0.06	0.07	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.08	Tons/mo	0.88	1.90	Tons/yr at 33.15 lbs/MGal
NOx	2.60	2.78	1.35	1.22	1.36	1.41	0.61	0.79	0.61	0.51	0.70	1.33	Tons/mo	14.98	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.16	0.17	0.08	0.07	0.08	0.08	0.02	0.03	0.04	0.03	0.04	0.08	Tons/mo	0.89	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.04	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.02	Tons/mo	0.20	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.47	0.51	0.25	0.22	0.25	0.26	0.08	0.14	0.11	0.09	0.13	0.24	Tons/mo	2.72	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gallyr; with any producing wells, limit is 7,344 gallyr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gall (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
May-13

Equipment	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	237.0	181.0	112.0	168.0	252.0	181.0	158.0	114.9	114.0	122.0	71.0	89.0	Gal/mo	1,799.9	N/A	Gal/yr
South Crane	45.0	0.0	51.5	0.0	0.0	0.0	0.0	69.0	0.0	20.0	0.0	20.0	Gal/mo	205.5	N/A	Gal/yr
Crane Total	282.0	181.0	163.5	168.0	252.0	181.0	158.0	183.9	114.0	142.0	71.0	109.0	Gal/mo	2,005	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	146.0	173.0	106.0	69.0	86.0	104.0	93.0	90.0	50.0	30.0	95.0	190.0	MSCF/mo	1.23	N/A	MMSCF/yr
Unplanned (HP+LP)	326.0	17.0	228.0	0.0	284.0	0.0	1.0	984.0	272.0	120.0	205.0	136.0	MSCF/mo	2.58	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	472.0	190.0	334.0	69.0	380.0	104.0	94.0	1,074.0	322.0	150.0	300.0	326.0	MSCF/mo	3.82	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	2,423.0	28.0	2,106.0	0.0	0.0	0.0	53.0	3.0	0.0	28.0	6.0	15.0	Gal/mo	4,662.00	55,900	Gal/yr
G3	0.001	0.000	0.000	0.001	0.015	0.001	0.002	0.005	0.003	0.003	0.001	0.000	MMSCF/mo	0.03	51.10	MMSCF/yr
48 BHP Starter Engines	0.0	2.0	5.0	0.0	2.6	0.9	0.8	2.4	0.7	3.0	1.3	2.5	Gal/mo	21.20	7,315	Gal/yr
P-19 Firewater Pump	0.0	7.6	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	13.4	0.0	Gal/mo	41.00	Exempt	Gal/yr
Portable Equipment	37.0	65.5	92.5	10.0	10.0	68.0	140.5	84.0	27.0	108.0	124.0	90.0	Gal/mo	846.50	Exempt	Gal/yr
Production Engines																
G-1A	1,881.2	0.0	0.0	0.0	637.9	1,140.9	2,672.8	569.7	1,945.0	1,340.1	3,003.1	501.7	MSCF/mo	13,692.43	N/A	MMSCF/yr
G-1B	737.1	3,545.5	2,971.8	3,448.1	2,789.0	2,051.9	650.0	2,806.7	1,068.0	2,217.7	396.8	2,762.7	MSCF/mo	25,435.28	N/A	MMSCF/yr
Production ICE Total	2,618.3	3,545.5	2,971.8	3,448.1	3,425.9	3,192.8	3,322.8	3,375.4	3,013.0	3,557.8	3,401.9	3,254.4	MSCF/mo	39.13	60.00	MMSCF/yr
Drilling Engines																
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.10	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.10	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	1,502.5	1,140.0	1,088.0	1,213.0	1,362.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	Bbls/mo	16,492	20	MBbl/yr
T-3B	1,502.5	1,140.0	1,088.0	1,213.0	1,362.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	Bbls/mo	16,492	20	MBbl/yr
T-6	3,005.0	2,280.0	2,176.0	2,426.0	2,704.0	2,565.0	2,835.0	2,813.0	2,899.0	2,966.0	3,005.0	3,155.0	Bbls/mo	32,829	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	Gal/mo	0.01	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Del	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
Total Solvents	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	Gal/mo	0.01	4.45	Tons/yr ROC
Total Coatings	0.0	0.0	0.0	0.0	0.0	6.5	12.0	21.3	17.8	20.0	27.5	65.0	Gal/mo	170.00	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	3,260.0	2,609.4	2,314.4	2,576.4	2,500.6	600.0	2,820.4	2,178.0	1,826.8	2,501.2	2,673.0	2,560.0	Gal/mo	28,420	N/A	Gal/yr
Work Boat Fuel:	6,644.4	2,213.2	2,025.1	2,254.4	2,538.0	525.0	0.0	0.0	0.0	0.0	2,052.0	1,889.0	Gal/mo	20,141	N/A	Gal/yr
Total Boat Fuel:	9,904.4	4,822.6	4,339.5	4,830.8	5,038.6	1,125.0	2,820.4	2,178.0	1,826.8	2,501.2	4,725.0	4,449.0	Gal/mo	48,561	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.16	0.06	0.07	0.08	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.06	Tons/mo	0.80	1.90	Tons/yr at 33.15 lbs/MGal
NOx	2.78	1.35	1.22	1.36	1.41	0.32	0.79	0.61	0.51	0.70	1.33	1.26	Tons/mo	13.62	32.11	Tons/yr at 661.00 lbs/MGal
PM	0.17	0.08	0.07	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	Tons/mo	0.81	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.04	0.02	0.02	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.02	0.02	Tons/mo	0.48	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.51	0.25	0.22	0.25	0.26	0.06	0.14	0.11	0.09	0.13	0.24	0.23	Tons/mo	2.48	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr, with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gali (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Jun-13

Equipment	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	181.0	112.0	168.0	252.0	181.0	158.0	114.9	114.0	122.0	71.0	89.0	144.0	Gal/mo	1,706.9	N/A	Gal/yr
South Crane	0.0	51.5	0.0	0.0	0.0	0.0	69.0	0.0	20.0	0.0	20.0	39.0	Gal/mo	199.5	N/A	Gal/yr
Crane Total	181.0	163.5	168.0	252.0	181.0	158.0	183.9	114.0	142.0	71.0	109.0	183.0	Gal/mo	1,906	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	173.0	106.0	69.0	86.0	104.0	93.0	90.0	50.0	30.0	95.0	190.0	173.0	MSCF/mo	1.26	N/A	MMSCF/yr
Unplanned (HP+LP)	17.0	228.0	0.0	294.0	0.0	1.0	984.0	272.0	120.0	205.0	136.0	187.0	MSCF/mo	2.44	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	190.0	334.0	69.0	380.0	104.0	94.0	1,074.0	322.0	150.0	300.0	326.0	360.0	MSCF/mo	3.70	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	28.0	2,106.0	0.0	0.0	0.0	53.0	3.0	0.0	28.0	6.0	15.0	11.0	Gal/mo	2,250.00	55,900	Gal/yr
G3	0.000	0.000	0.001	0.015	0.001	0.002	0.005	0.003	0.003	0.001	0.000	0.408	MMSCF/mo	0.44	51.10	MMSCF/yr
48 BHP Starter Engine	2.0	5.0	0.0	2.6	0.9	0.8	2.4	0.7	3.0	1.3	2.5	1.7	Gal/mo	22.90	7,315	Gal/yr
P-19 Firewater Pump	7.6	0.0	0.0	0.0	0.0	20.0	0.0	0.0	13.4	0.0	0.0	0.0	Gal/mo	41.00	Exempt	Gal/yr
Portable Equipment	65.5	52.5	10.0	10.0	58.0	140.5	84.0	27.0	108.0	124.0	90.0	73.0	Gal/mo	882.50	Exempt	Gal/yr
Production Engines																
G-1A	0.0	0.0	0.0	637.9	1,140.9	2,672.8	569.7	1,945.0	1,340.1	3,003.1	501.7	1,600.1	MSCF/mo	13,411.33	N/A	MMSCF/yr
G-1B	3,545.5	2,971.8	3,448.1	2,788.0	2,051.9	650.0	2,805.7	1,068.0	2,217.7	398.6	2,752.7	1,522.8	MSCF/mo	26,220.99	N/A	MMSCF/yr
Production ICE Total	3,545.5	2,971.8	3,448.1	3,425.9	3,192.8	3,322.8	3,378.4	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	MSCF/mo	39.63	60.00	MMSCF/yr
Drilling Engines																
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	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	126.72	MMSCF/yr
Diesel Backup Generator																
Tanks Throughputs																
T-3A	1,140.0	1,088.0	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	Bbls/mo	16,424	20	MBbl/yr
T-3B	1,140.0	1,088.0	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	Bbls/mo	16,424	20	MBbl/yr
V-8	2,280.0	2,176.0	2,426.0	2,704.0	2,565.0	2,835.0	2,813.0	2,899.0	2,966.0	3,152.0	3,005.0	3,155.0	Bbls/mo	32,976	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	Gal/mo	0.01	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
Total Solvents	0.0	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	Gal/mo	0.01	4.45	Tons/yr ROC
Total Coatings	0.0	0.0	0.0	0.0	6.5	12.0	21.3	17.8	20.0	27.5	65.0	19.9	Gal/mo	189.50	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	2,609.4	2,314.4	2,576.4	2,500.6	600.0	2,820.4	2,178.0	1,826.8	2,501.2	2,673.0	2,560.0	1,737.0	Gal/mo	26,897	N/A	Gal/yr
Work Boat Fuel:	2,213.2	2,055.1	2,254.4	2,538.0	525.0	0.0	0.0	0.0	0.0	2,052.0	1,889.0	1,477.0	Gal/mo	14,974	N/A	Gal/yr
Total Boat Fuel:	4,822.6	4,339.5	4,830.8	5,038.6	1,125.0	2,820.4	2,178.0	1,826.8	2,501.2	4,725.0	4,449.0	3,214.0	Gal/mo	41,871	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.08	0.07	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	Tons/mo	0.89	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.35	1.22	1.36	1.41	0.32	0.79	0.61	0.51	0.70	1.33	1.25	0.90	Tons/mo	11.74	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.07	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.06	0.05	0.05	Tons/mo	0.70	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.01	Tons/mo	0.16	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.25	0.22	0.25	0.26	0.06	0.14	0.11	0.09	0.13	0.24	0.23	0.16	Tons/mo	2.14	5.84	Tons/yr at 102.00 lbs/MGal

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

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gall (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Jul-13

Equipment	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	112.0	168.0	252.0	181.0	158.0	114.9	114.0	122.0	71.0	89.0	144.0	90.0	Gal/mo	1,615.9	N/A	Gallyr
South Crane	51.5	0.0	0.0	0.0	0.0	69.0	0.0	20.0	0.0	20.0	39.0	0.0	Gal/mo	199.5	N/A	Gallyr
Crane Total	163.5	168.0	252.0	181.0	158.0	183.9	114.0	142.0	71.0	109.0	183.0	90.0	Gal/mo	1,815	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	106.0	69.0	86.0	104.0	93.0	90.0	50.0	30.0	95.0	190.0	173.0	188.0	MSCF/mo	1.27	N/A	MMSCF/yr
Unplanned (HP+LP)	228.0	0.0	294.0	0.0	1.0	984.0	272.0	120.0	205.0	136.0	187.0	72.0	MSCF/mo	2.50	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	334.0	69.0	380.0	104.0	94.0	1,074.0	322.0	150.0	300.0	326.0	360.0	260.0	MSCF/mo	3.77	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	2,106.0	0.0	0.0	0.0	53.0	3.0	0.0	28.0	6.0	15.0	11.0	9.0	Gal/mo	2,231.00	55,900	Gallyr
G3	0.000	0.001	0.015	0.001	0.002	0.005	0.003	0.003	0.001	0.000	0.408	0.000	MMSCF/mo	0.44	51.10	MMSCF/yr
40 BHP Starter Engine	5.0	0.0	2.6	0.9	0.8	2.4	0.7	3.0	1.3	2.5	1.7	4.5	Gal/mo	25.40	7,315	Gallyr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	Gal/mo	33.40	Exempt	Gallyr
Portable Equipment	92.5	10.0	10.0	58.0	140.5	84.0	27.0	108.0	124.0	90.0	73.0	95.0	Gal/mo	912.00	Exempt	Gallyr
Production Engines																
G-1A	0.0	0.0	637.9	1,140.9	2,672.8	569.7	1,945.0	1,340.1	3,003.1	501.7	1,600.1	864.0	MSCF/mo	14,275.35	N/A	MMSCF/yr
G-1B	2,971.8	3,448.1	2,788.0	2,051.9	650.0	2,805.7	1,068.0	2,217.7	398.8	2,752.7	1,522.8	2,537.3	MSCF/mo	25,212.78	N/A	MMSCF/yr
Production ICE Total	2,971.8	3,448.1	3,425.9	3,192.8	3,322.8	3,378.4	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	MSCF/mo	39.49	60.00	MMSCF/yr
Drilling Engines																
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	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	N/A	MMSCF/yr
Drilling ICE Total	0.0	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	126.72	MMSCF/yr
Diesel Backup Generator																
Tanks Throughputs																
T-3A	1,098.0	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	Bbls/mo	16,782	20	MBbl/yr
T-3B	1,068.0	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	Bbls/mo	16,782	20	MBbl/yr
T-6	2,176.0	2,426.0	2,704.0	2,565.0	2,835.0	2,813.0	2,899.0	2,966.0	3,152.0	3,162.0	3,005.0	3,155.0	Bbls/mo	33,858	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	Gal/mo	0.01	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Del	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
Total Solvents	0.0	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	Gal/mo	0.01	4.45	Tons/yr ROC
Total Coatings	0.0	0.0	0.0	6.5	12.0	21.3	17.8	20.0	27.5	65.0	19.5	20.5	Gal/mo	210.00	Exempt	Gallyr
Boats:																
Crew Boat Fuel:	2,314.4	2,576.4	2,500.6	600.0	2,820.4	2,178.0	1,826.8	2,501.2	2,673.0	2,560.0	1,737.0	1,491.6	Gal/mo	25,779	N/A	Gallyr
Work Boat Fuel:	2,025.1	2,254.4	2,538.0	525.0	0.0	0.0	0.0	0.0	2,052.0	1,889.0	1,477.0	1,305.2	Gal/mo	14,056	N/A	Gallyr
Total Boat Fuel:	4,339.5	4,830.8	5,038.6	1,125.0	2,820.4	2,178.0	1,826.8	2,501.2	4,725.0	4,449.0	3,214.0	2,796.8	Gal/mo	39,845	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.07	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	Tons/mo	0.66	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.22	1.36	1.41	0.32	0.79	0.61	0.51	0.70	1.33	1.25	0.90	0.78	Tons/mo	11.18	32.11	Tons/yr at 661.00 lbs/MGal
PM	0.07	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	Tons/mo	0.67	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	Tons/mo	0.15	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.22	0.25	0.26	0.06	0.14	0.11	0.09	0.13	0.24	0.23	0.16	0.14	Tons/mo	2.03	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gallyr, with any producing wells, limit is 7,344 gallyr

^b Permit limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform G88 (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Aug-13

Equipment	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	168.0	252.0	181.0	158.0	114.9	114.0	122.0	71.0	89.0	144.0	90.0	68.6	Gal/mo	1,572.5	N/A	Gal/yr
South Crane	0.0	0.0	0.0	0.0	69.0	0.0	20.0	0.0	20.0	39.0	0.0	0.0	Gal/mo	148.0	N/A	Gal/yr
Crane Total	168.0	252.0	181.0	158.0	183.9	114.0	142.0	71.0	109.0	183.0	90.0	68.6	Gal/mo	1,721	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	69.0	86.0	104.0	93.0	90.0	50.0	30.0	95.0	190.0	173.0	188.0	216.0	MSCF/mo	1.38	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	294.0	0.0	1.0	984.0	272.0	120.0	205.0	136.0	187.0	72.0	145.0	MSCF/mo	2.42	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	69.0	380.0	104.0	94.0	1,074.0	322.0	150.0	300.0	326.0	360.0	260.0	361.0	MSCF/mo	3.80	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	0.0	0.0	53.0	3.0	0.0	28.0	6.0	15.0	11.0	9.0	130.0	Gal/mo	255.00	55,900	Gal/yr
G3	0.001	0.015	0.001	0.002	0.005	0.003	0.003	0.001	0.000	0.408	0.000	0.000	MMSCF/mo	0.44	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	2.6	0.9	0.8	2.4	0.7	3.0	1.3	2.5	1.7	4.5	0.0	Gal/mo	20.40	7,315	Gal/yr
P-19 Firewater Pump	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	33.40	Exempt	Gal/yr
Portable Equipment	10.0	10.0	58.0	140.5	84.0	27.0	108.0	124.0	90.0	73.0	95.0	39.0	Gal/mo	855.50	Exempt	Gal/yr
Production Engines																
G-1A	0.0	637.9	1,140.9	2,672.8	569.7	1,945.0	1,340.1	3,003.1	501.7	1,600.1	864.0	198.5	MSCF/mo	14,473.85	N/A	MMSCF/yr
G-1B	3,448.1	2,788.0	2,051.9	650.0	2,805.7	1,068.0	2,217.7	398.8	2,752.7	1,522.8	2,537.3	2,543.1	MSCF/mo	24,784.06	N/A	MMSCF/yr
Production ICE Total	3,448.1	3,425.9	3,192.8	3,322.8	3,375.4	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	MSCF/mo	39.26	60.00	MMSCF/yr
Drilling Engines																
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	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	N/A	MMSCF/yr
Drilling ICE Total	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	101.00	126.72	MMSCF/yr
Diesel Backup Generator																
Tanks Throughputs																
T-3A	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,480.0	1,577.0	Bbls/mo	17,271	20	MBbl/yr
T-3B	1,213.0	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,480.0	1,577.0	Bbls/mo	17,271	20	MBbl/yr
V-8	2,426.0	2,704.0	2,565.0	2,835.0	2,813.0	2,899.0	2,966.0	3,152.0	3,162.0	2,869.0	3,005.0	3,155.0	Bbls/mo	34,561	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	Gal/mo	0.01	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
Total Solvents	0.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	Gal/mo	0.01	4.45	Tons/yr ROC
Total Coatings	0.0	0.0	6.5	12.0	21.3	17.8	20.0	27.5	65.0	19.5	20.5	22.0	Gal/mo	232.00	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	2,576.4	2,500.6	600.0	2,820.4	2,178.0	1,826.8	2,501.2	2,673.0	2,560.0	1,737.0	1,491.6	1,500.2	Gal/mo	24,965	N/A	Gal/yr
Work Boat Fuel:	2,254.4	2,538.0	525.0	0.0	0.0	0.0	2,952.0	0.0	1,889.0	1,477.0	1,305.2	1,312.7	Gal/mo	13,353	N/A	Gal/yr
Total Boat Fuel:	4,830.8	5,038.6	1,125.0	2,820.4	2,178.0	1,826.8	2,501.2	4,725.0	4,449.0	3,214.0	2,796.8	2,812.9	Gal/mo	38,318	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	Tons/mo	0.64	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.36	1.41	0.32	0.79	0.61	0.51	0.70	1.33	1.25	0.90	0.79	0.79	Tons/mo	10.75	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	Tons/mo	0.64	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	Tons/mo	0.14	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.25	0.26	0.06	0.14	0.11	0.09	0.13	0.24	0.23	0.16	0.14	0.14	Tons/mo	1.95	5.84	Tons/yr at 102.00 lbs/MGal

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

^b Permit limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Sep-13

Equipment	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	252.0	181.0	158.0	114.9	114.0	122.0	71.0	89.0	144.0	90.0	68.6	126.0	Gal/mo	1,530.5	N/A	Gallyr
South Crane	0.0	0.0	0.0	69.0	0.0	20.0	0.0	20.0	39.0	0.0	0.0	65.0	Gal/mo	213.0	N/A	Gallyr
Crane Total	252.0	181.0	158.0	183.9	114.0	142.0	71.0	109.0	183.0	90.0	68.6	191.0	Gal/mo	1,744	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	86.0	104.0	93.0	90.0	50.0	30.0	95.0	190.0	173.0	188.0	216.0	249.0	MSCF/mo	1.56	N/A	MMSCF/yr
Unplanned (HP+LP)	294.0	0.0	1.0	984.0	272.0	120.0	205.0	136.0	187.0	72.0	145.0	58.0	MSCF/mo	2.47	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
					Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)											
Flare Gas Total	380.0	104.0	94.0	1,074.0	322.0	150.0	300.0	326.0	360.0	260.0	361.0	307.0	MSCF/mo	4.04	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	0.0	53.0	3.0	0.0	28.0	6.0	15.0	11.0	9.0	130.0	0.0	Gal/mo	255.00	55,900	Gallyr
G3	0.015	0.001	0.002	0.005	0.003	0.003	0.001	0.000	0.408	0.000	0.000	0.012	MMSCF/mo	0.45	51.10	MMSCF/yr
48 BHP Starter Engine	2.6	0.9	0.8	2.4	0.7	3.0	1.3	2.5	1.7	4.5	0.0	3.4	Gal/mo	23.80	7,315	Gallyr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	Gal/mo	33.40	Exempt	Gallyr
Portable Equipment	10.0	58.0	140.5	84.0	27.0	108.0	124.0	90.0	73.0	95.0	39.0	60.0	Gal/mo	908.50	Exempt	Gallyr
Production Engines																
G-1A	637.9	1,140.9	2,672.8	569.7	1,945.0	1,340.1	3,003.1	501.7	1,600.1	864.0	188.5	1,363.1	MSCF/mo	15,836.95	N/A	MMSCF/yr
G-1B	2,788.0	2,051.9	650.0	2,805.7	1,068.0	2,217.7	398.8	2,752.7	1,522.8	2,537.3	2,543.1	1,671.2	MSCF/mo	23,007.18	N/A	MMSCF/yr
Production ICE Total	3,425.9	3,192.8	3,322.8	3,375.4	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	3,034.3	MSCF/mo	38.84	60.00	MMSCF/yr
Drilling Engines																
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
Drilling ICE Total	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	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gallyr
Tanks Throughputs																
T-3A	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,488.0	1,577.0	1,621.5	Bbls/mo	17,679	20	MBbl/yr
T-3B	1,352.0	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,488.0	1,577.0	1,621.5	Bbls/mo	17,679	20	MBbl/yr
T-8	2,704.0	2,565.0	2,835.0	2,813.0	2,899.0	2,966.0	3,152.0	3,162.0	2,869.0	2,996.0	3,005.0	3,155.0	Bbls/mo	35,121	3960	MBbl/yr
Solvent Usage																
Z-Sol	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	Gal/mo	0.01	N/A	Tons/yr ROC at 1.64 lbs/MGal
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 lbs/MGal
Total Solvents	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	Gal/mo	0.01	4.45	Tons/yr ROC
Total Coatings	0.0	6.5	12.0	21.3	17.8	20.0	27.5	65.0	19.5	20.5	22.0	11.3	Gal/mo	243.25	Exempt	Gallyr
Boats:																
Crew Boat Fuel:	2,500.6	600.0	2,820.4	2,178.0	1,826.8	2,501.2	2,673.0	2,560.0	1,737.0	1,491.6	1,500.2	1,770.0	Gal/mo	24,159	N/A	Gallyr
Work Boat Fuel:	2,538.0	525.0	0.0	0.0	0.0	0.0	2,062.0	1,899.0	1,477.0	1,305.2	1,312.7	1,548.8	Gal/mo	12,648	N/A	Gallyr
Total Boat Fuel:	5,038.6	1,125.0	2,820.4	2,178.0	1,826.8	2,501.2	4,735.0	4,459.0	3,214.0	2,796.8	2,812.9	3,318.8	Gal/mo	36,806	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	Tons/mo	0.81	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.41	0.32	0.79	0.61	0.78	1.33	1.25	1.33	0.90	0.78	0.79	0.93	Tons/mo	10.32	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	Tons/mo	0.82	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	Tons/mo	0.14	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.26	0.06	0.14	0.11	0.09	0.13	0.24	0.23	0.16	0.14	0.14	0.17	Tons/mo	1.88	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gallyr; with any producing wells, limit is 7,344 gallyr
^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP
^c Boat fuel usage is tracked at Platform Gali (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Oct-13

Equipment	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Crane:																
North Crane	181.0	158.0	114.9	114.0	122.0	71.0	89.0	144.0	90.0	68.6	126.0	43.0	Gal/mo	1,321.5	N/A	Gallyr
South Crane	0.0	0.0	69.0	0.0	20.0	0.0	20.0	39.0	0.0	0.0	65.0	72.0	Gal/mo	285.0	N/A	Gallyr
Crane Total	181.0	158.0	183.9	114.0	142.0	71.0	109.0	183.0	90.0	68.6	191.0	115.0	Gal/mo	1,607	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	104.0	93.0	90.0	50.0	30.0	95.0	190.0	173.0	188.0	216.0	249.0	202.0	MSCF/mo	1.68	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	1.0	984.0	272.0	120.0	205.0	136.0	187.0	72.0	145.0	56.0	69.0	MSCF/mo	2.25	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	104.0	94.0	1,074.0	322.0	150.0	300.0	326.0	360.0	260.0	361.0	307.0	271.0	MSCF/mo	3.93	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	53.0	3.0	0.0	28.0	6.0	15.0	11.0	9.0	130.0	0.0	0.0	Gal/mo	255.00	55,900	Gallyr
G3	0.001	0.002	0.005	0.003	0.003	0.001	0.000	0.408	0.000	0.000	0.012	0.000	MMSCF/mo	0.44	51.10	MMSCF/yr
48 BHP Starter Engine	0.9	0.8	2.4	0.7	3.0	1.3	2.5	1.7	4.5	0.0	3.4	5.0	Gal/mo	26.20	7,315	Gallyr
P-19 Firewater Pump	0.0	20.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	33.40	Exempt	Gallyr
Portable Equipment	58.0	140.5	84.0	27.0	108.0	124.0	90.0	73.0	95.0	39.0	60.0	15.0	Gal/mo	913.50	Exempt	Gallyr
Production Engines																
G-1A	1,140.9	2,672.8	569.7	1,945.0	1,340.1	3,003.1	501.7	1,600.1	864.0	198.5	1,363.1	2,276.2	MSCF/mo	17,475.22	N/A	MMSCF/yr
G-1B	2,051.9	650.0	2,805.7	1,068.0	2,217.7	398.8	2,752.7	1,522.8	2,537.3	2,543.1	1,671.2	1,087.6	MSCF/mo	21,306.80	N/A	MMSCF/yr
Production ICE Total	3,192.8	3,322.8	3,375.4	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	3,034.3	3,363.8	MSCF/mo	38.78	60.00	MMSCF/yr
Drilling Engines																
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
Drilling ICE Total	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	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gallyr
Tanks Throughputs																
T-3A	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	Bbls/mo	17,958	20	MBbl/yr
T-3B	1,282.5	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	Bbls/mo	17,958	20	MBbl/yr
V-8	2,565.0	2,835.0	2,813.0	2,899.0	2,966.0	3,152.0	3,162.0	2,869.0	2,996.0	3,154.0	3,065.0	3,155.0	Bbls/mo	35,571	3960	MBbl/yr
Solvent Usage																
Z-Sol	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.01	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Del	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
Total Solvents	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.01	4.45	Tons/yr ROC
Total Coatings	6.5	12.0	21.3	17.8	20.0	27.5	65.0	19.5	20.5	22.0	11.3	0.0	Gal/mo	243.25	Exempt	Gallyr
Boats:																
Crew Boat Fuel:	600.0	2,820.4	2,178.0	1,826.8	2,501.2	2,673.0	2,560.0	1,737.0	1,491.6	1,500.2	1,770.0	1,601.6	Gal/mo	23,260	N/A	Gallyr
Work Boat Fuel:	525.0	0.0	0.0	0.0	0.0	2,052.0	1,889.0	1,477.0	1,305.2	1,312.7	1,548.8	1,401.4	Gal/mo	11,511	N/A	Gallyr
Total Boat Fuel:	1,125.0	2,820.4	2,178.0	1,826.8	2,501.2	4,725.0	4,449.0	3,214.0	2,796.8	2,812.9	3,318.8	3,003.0	Gal/mo	34,771	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	Tons/mo	0.58	1.90	Tons/yr at 33.15 lbs/MGal
NOx	0.32	0.79	0.61	0.51	0.70	1.33	1.25	0.90	0.78	0.79	0.93	0.84	Tons/mo	9.75	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.02	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	Tons/mo	0.58	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	Tons/mo	0.13	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.06	0.14	0.11	0.09	0.13	0.24	0.23	0.16	0.14	0.14	0.17	0.15	Tons/mo	1.77	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gallyr; with any producing wells, limit is 7,344 gallyr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gall (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Nov-13

Equipment	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	156.0	114.9	114.0	122.0	71.0	89.0	144.0	90.0	68.6	126.0	43.0	134.0	Gal/mo	1,274.5	N/A	Gal/yr
South Crane	0.0	69.0	0.0	20.0	0.0	20.0	39.0	0.0	0.0	65.0	72.0	50.0	Gal/mo	335.0	N/A	Gal/yr
Crane Total	156.0	183.9	114.0	142.0	71.0	109.0	183.0	90.0	68.6	191.0	115.0	184.0	Gal/mo	1,610	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	93.0	90.0	50.0	30.0	95.0	190.0	173.0	188.0	216.0	249.0	202.0	161.0	MSCF/mo	1.74	N/A	MMSCF/yr
Unplanned (HP+LP)	1.0	984.0	272.0	120.0	205.0	136.0	187.0	72.0	145.0	58.0	69.0	4.0	MSCF/mo	2.25	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	94.0	1,074.0	322.0	150.0	300.0	326.0	360.0	260.0	361.0	307.0	271.0	165.0	MSCF/mo	3.99	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	53.0	3.0	0.0	28.0	6.0	15.0	11.0	9.0	130.0	0.0	0.0	0.0	Gal/mo	255.00	55,900	Gal/yr
G3	0.002	0.005	0.003	0.003	0.001	0.000	0.408	0.000	0.000	0.012	0.000	0.002	MMSCF/mo	0.44	51.10	MMSCF/yr
48 BHP Starter Engine	0.8	2.4	0.7	3.0	1.3	2.5	1.7	4.5	0.0	3.4	5.0	0.0	Gal/mo	25.30	7,315	Gal/yr
P-19 Firewater Pump	20.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	33.40	Exempt	Gal/yr
Portable Equipment	140.5	84.0	27.0	108.0	124.0	90.0	73.0	95.0	39.0	60.0	15.0	116.0	Gal/mo	971.50	Exempt	Gal/yr
Production Engines																
G-1A	2,872.8	569.7	1,945.0	1,340.1	3,003.1	501.7	1,600.1	864.0	198.5	1,363.1	2,276.2	1,526.6	MSCF/mo	17,860.92	N/A	MMSCF/yr
G-1B	650.0	2,805.7	1,069.0	2,217.7	398.8	2,752.7	1,522.8	2,537.3	2,543.1	1,671.2	1,087.6	1,957.9	MSCF/mo	21,212.80	N/A	MMSCF/yr
Production ICE Total	3,322.8	3,375.4	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	3,034.3	3,363.8	3,484.5	MSCF/mo	39.07	60.00	MMSCF/yr
Drilling Engines																
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
Drilling ICE Total	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	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	Bois/mo	18,178	20	MBbl/yr
T-3B	1,417.5	1,406.5	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	Bois/mo	18,178	20	MBbl/yr
T-8	2,835.0	2,813.0	2,899.0	2,966.0	3,152.0	3,162.0	2,869.0	2,996.0	3,154.0	3,243.0	3,005.0	3,155.0	Bois/mo	36,249	3960	MBbl/yr
Solvent Usage																
Z-Sol	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	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
Total Solvents	1.0	2.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	Gal/mo	0.00	4.45	Tons/yr ROC
Total Coatings	12.0	21.3	17.8	20.0	27.5	65.0	19.5	20.5	22.0	11.3	0.0	7.0	Gal/mo	243.75	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	2,820.4	2,178.0	1,826.8	2,501.2	2,673.0	2,860.0	1,737.0	1,491.6	1,500.2	1,770.0	1,601.6	2,005.4	Gal/mo	24,665	N/A	Gal/yr
Work Boat Fuel:	0.0	0.0	0.0	0.0	2,052.0	1,889.0	1,477.0	1,305.2	1,312.7	1,548.8	1,401.4	1,754.7	Gal/mo	12,741	N/A	Gal/yr
Total Boat Fuel:	2,820.4	2,178.0	1,826.8	2,501.2	4,725.0	4,449.0	3,214.0	2,796.8	2,812.9	3,318.8	3,003.0	3,760.1	Gal/mo	37,406	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	0.06	Tons/mo	0.82	1.90	Tons/yr at 33.15 lbs/MGal
NOx	0.79	0.61	0.51	0.70	1.33	1.25	0.90	0.78	0.79	0.93	0.94	1.05	Tons/mo	10.49	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.05	0.04	0.03	0.04	0.08	0.07	0.05	0.06	0.06	0.06	0.05	0.06	Tons/mo	0.63	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	Tons/mo	0.14	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.14	0.11	0.09	0.13	0.24	0.23	0.16	0.14	0.14	0.17	0.15	0.19	Tons/mo	1.91	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr
^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP
^c Boat fuel usage is tracked at Platform Gal (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Dec-13

Equipment	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	114.9	114.0	122.0	71.0	89.0	144.0	90.0	68.6	126.0	43.0	134.0	179.0	Gal/mo	1,295.5	N/A	Gal/yr
South Crane	69.0	0.0	20.0	0.0	20.0	39.0	0.0	65.0	72.0	50.0	50.0	0.0	Gal/mo	335.0	N/A	Gal/yr
Crane Total	183.9	114.0	142.0	71.0	109.0	183.0	90.0	68.6	191.0	115.0	184.0	179.0	Gal/mo	1,631	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	90.0	50.0	30.0	95.0	190.0	173.0	188.0	216.0	249.0	202.0	161.0	172.0	MSCF/mo	1.82	N/A	MMSCF/yr
Unplanned (HP+LP)	964.0	272.0	120.0	205.0	136.0	187.0	72.0	145.0	58.0	69.0	4.0	0.0	MSCF/mo	2.25	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	1,074.0	322.0	150.0	300.0	326.0	360.0	260.0	381.0	307.0	271.0	165.0	172.0	MSCF/mo	4.07	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)																
G3	3.0	0.0	28.0	6.0	15.0	11.0	9.0	130.0	0.0	0.0	0.0	0.0	Gal/mo	202.00	55,900	Gal/yr
48 BHP Starter Engine	0.005	0.003	0.003	0.001	0.000	0.408	0.000	0.000	0.012	0.000	0.002	0.002	MMSCF/mo	0.44	51.10	MMSCF/yr
P-19 Firewater Pump	2.4	0.7	3.0	1.3	2.5	1.7	4.5	3.4	0.0	0.0	0.0	4.0	Gal/mo	28.50	7,315	Gal/yr
Portable Equipment	84.0	27.0	108.0	124.0	90.0	73.0	95.0	39.0	60.0	15.0	116.0	35.0	Gal/mo	866.00	Exempt	Gal/yr
Production Engines																
G-1A	569.7	1,945.0	1,340.1	3,003.1	501.7	1,600.1	864.0	198.5	1,363.1	2,276.2	1,526.6	2,107.6	MSCF/mo	17,295.72	N/A	MMSCF/yr
G-1B	2,805.7	1,069.0	2,217.7	398.8	2,792.7	1,522.8	2,537.3	2,543.1	1,671.2	1,087.6	1,957.9	1,404.8	MSCF/mo	21,967.60	N/A	MMSCF/yr
Production ICE Total	3,375.4	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	3,034.3	3,363.8	3,484.5	3,512.4	MSCF/mo	39.26	60.00	MMSCF/yr
Drilling Engines																
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
G-6E	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
Drilling ICE Total	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	126.72	MMSCF/yr
Diesel Backup Generator																
Tanks Throughputs																
T-3A	1,408.5	1,449.5	1,485.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	Bbls/mo	18,338	20	MBbl/yr
T-3B	1,408.5	1,449.5	1,485.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	Bbls/mo	18,338	20	MBbl/yr
V-8	2,813.0	2,899.0	2,966.0	3,152.0	3,162.0	2,869.0	2,996.0	3,154.0	3,243.0	3,262.0	3,005.0	3,155.0	Bbls/mo	36,676	3960	MBbl/yr
Solvent Usage																
Z-SSJ	2.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Del	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
Total Solvents	2.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	Gal/mo	0.00	4.45	Tons/yr ROC
Total Coatings	21.3	17.8	20.0	27.5	65.0	19.5	20.5	22.0	11.3	0.0	7.0	3.0	Gal/mo	234.75	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	2,178.0	1,826.8	2,501.2	2,673.0	2,560.0	1,737.0	1,491.6	1,500.2	1,770.0	1,601.6	2,005.4	2,054.4	Gal/mo	23,899	N/A	Gal/yr
Work Boat Fuel:	0.0	0.0	0.0	2,052.0	1,869.0	1,477.0	1,305.2	1,312.7	1,548.8	1,401.4	1,754.7	1,539.3	Gal/mo	14,280	N/A	Gal/yr
Total Boat Fuel:	2,178.0	1,826.8	2,501.2	4,725.0	4,449.0	3,214.0	2,796.8	2,812.9	3,318.8	3,003.0	3,760.1	3,593.7	Gal/mo	38,179	96,792	Gal/yr^a
Boat Emissions: tons																
ROC	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	0.06	0.06	Tons/mo	0.63	1.90	Tons/yr at 33.15 lbs/MGal
NOx	0.61	0.51	0.70	1.33	1.25	0.90	0.78	0.79	0.93	0.84	1.05	1.01	Tons/mo	10.71	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.04	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	0.06	0.06	Tons/mo	0.64	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	Tons/mo	0.14	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.11	0.09	0.13	0.24	0.23	0.16	0.14	0.14	0.17	0.15	0.19	0.18	Tons/mo	1.95	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr, with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Jan-14

Equipment	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	114.0	122.0	71.0	89.0	144.0	90.0	68.6	126.0	43.0	134.0	179.0	129.0	Gal/mo	1,309.6	N/A	Gal/yr
South Crane	0.0	20.0	0.0	20.0	39.0	0.0	0.0	65.0	72.0	50.0	0.0	0.0	Gal/mo	266.0	N/A	Gal/yr
Crane Total	114.0	142.0	71.0	109.0	183.0	90.0	68.6	191.0	115.0	184.0	179.0	129.0	Gal/mo	1,576	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	50.0	30.0	95.0	190.0	173.0	188.0	216.0	249.0	202.0	161.0	172.0	180.0	MSCF/mo	1.91	N/A	MMSCF/yr
Unplanned (HP+LP)	272.0	120.0	205.0	136.0	187.0	72.0	145.0	58.0	69.0	4.0	0.0	0.0	MSCF/mo	1.27	N/A	MMSCF/yr
Pilot Pumps (HP+LP)																
Pilot Pump is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	322.0	150.0	300.0	326.0	360.0	260.0	361.0	307.0	271.0	165.0	172.0	180.0	MSCF/mo	3.17	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	28.0	6.0	15.0	11.0	9.0	130.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	199.0	55,900	Gal/yr
G3	0.003	0.003	0.001	0.000	0.408	0.000	0.000	0.012	0.000	0.002	0.002	0.024	MMSCF/mo	0.45	51.10	MMSCF/yr
48 BHP Starter Engine	0.7	3.0	1.3	2.5	1.7	4.5	3.4	3.4	5.0	0.0	4.0	20.4	Gal/mo	46.50	7,315	Gal/yr
P-19 Firewater Pump	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	Gal/mo	27.40	Exempt	Gal/yr
Portable Equipment	27.0	108.0	124.0	90.0	73.0	95.0	39.0	60.0	15.0	116.0	35.0	66.0	Gal/mo	848.00	Exempt	Gal/yr
Production Engines																
G-1A	1,945.0	1,340.1	3,003.1	501.7	1,600.1	864.0	198.5	1,363.1	2,276.2	1,526.6	2,107.6	1,119.5	MSCF/mo	17,845.49	N/A	MMSCF/yr
G-1B	1,068.0	2,217.7	398.8	2,752.7	1,522.8	2,537.3	2,543.1	1,671.2	1,087.6	1,957.9	1,404.8	2,519.0	MSCF/mo	21,660.92	N/A	MMSCF/yr
Production ICE Total	3,013.0	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	3,034.3	3,363.8	3,484.5	3,512.4	3,638.5	MSCF/mo	39.53	60.00	MMSCF/yr
Drilling Engines																
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
Drilling ICE Total	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	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	1,564.5	Bbls/mo	18,496	20	MBbl/yr
T-3B	1,449.5	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	1,564.5	Bbls/mo	18,496	20	MBbl/yr
V-8	2,899.0	2,966.0	3,152.0	3,162.0	2,869.0	2,996.0	3,154.0	3,243.0	3,282.0	3,005.0	3,005.0	3,155.0	Bbls/mo	36,868	3960	MBbl/yr
Solvent Usage																
Z-Sol	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lbs/gal
Enviro-Del	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 lbs/gal
Total Solvents	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	Gal/mo	0.00	4.45	Tons/yr ROC
Total Coatings	17.8	20.0	27.5	65.0	19.5	20.5	22.0	11.3	0.0	7.0	3.0	8.8	Gal/mo	222.25	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	1,826.8	2,501.2	2,673.0	2,960.0	1,737.0	1,491.6	1,500.2	1,770.0	1,601.6	2,006.4	2,084.4	1,309.0	Gal/mo	23,030	N/A	Gal/yr
Work Boat Fuel:	0.0	0.0	2,052.0	1,889.0	1,477.0	1,305.2	1,312.7	1,548.8	1,401.4	1,754.7	1,539.3	657.8	Gal/mo	14,938	N/A	Gal/yr
Total Boat Fuel:	1,826.8	2,501.2	4,725.0	4,449.0	3,214.0	2,796.8	2,812.9	3,318.8	3,003.0	3,760.1	3,593.7	1,966.8	Gal/mo	37,968	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.03	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.03	Tons/mo	0.83	1.90	Tons/yr at 33.15 lbs/MGal
NOx	0.51	0.70	1.33	1.25	0.90	0.78	0.79	0.84	0.84	1.05	1.01	0.55	Tons/mo	10.65	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.03	0.04	0.08	0.07	0.05	0.05	0.06	0.06	0.05	0.06	0.06	0.03	Tons/mo	0.64	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	Tons/mo	0.14	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.09	0.13	0.24	0.23	0.16	0.14	0.14	0.17	0.15	0.19	0.18	0.10	Tons/mo	1.94	5.84	Tons/yr at 102.00 lbs/MGal

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

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Feb-14

Equipment	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	122.0	71.0	89.0	144.0	90.0	66.6	126.0	43.0	134.0	179.0	129.0	225.1	Gal/mo	1,420.7	N/A	Gal/yr
South Crane	20.0	0.0	20.0	39.0	0.0	0.0	65.0	72.0	50.0	0.0	0.0	64.0	Gal/mo	330.0	N/A	Gal/yr
Crane Total	142.0	71.0	109.0	183.0	90.0	66.6	191.0	115.0	184.0	179.0	129.0	289.1	Gal/mo	1,751	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	30.0	95.0	190.0	173.0	188.0	216.0	249.0	202.0	161.0	172.0	180.0	185.0	MSCF/mo	2.04	N/A	MMSCF/yr
Unplanned (HP+LP)	120.0	205.0	136.0	187.0	72.0	145.0	58.0	69.0	4.0	0.0	0.0	0.0	MSCF/mo	1.00	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)																
Flare Gas Total	150.0	300.0	326.0	360.0	260.0	361.0	307.0	271.0	165.0	172.0	180.0	185.0	MSCF/mo	3.04	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	28.0	6.0	15.0	11.0	9.0	130.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	199.00	55,900	Gal/yr
G3	0.003	0.001	0.000	0.408	0.000	0.000	0.012	0.000	0.002	0.002	0.024	0.042	MMSCF/mo	0.49	51.10	MMSCF/yr
48 BHP Starter Engine	3.0	1.3	2.5	1.7	4.5	0.0	3.4	5.0	0.0	4.0	20.4	0.0	Gal/mo	45.80	7,315	Gal/yr
P-18 Firewater Pump	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	Gal/mo	27.40	Exempt	Gal/yr
Portable Equipment	108.0	124.0	90.0	73.0	95.0	39.0	60.0	15.0	116.0	35.0	66.0	157.0	Gal/mo	978.00	Exempt	Gal/yr
Production Engines																
G-1A	1,340.1	3,003.1	501.7	1,600.1	864.0	198.5	1,363.1	2,276.2	1,526.6	2,107.6	1,119.5	1,501.9	MSCF/mo	17,402.34	N/A	MMSCF/yr
G-1B	2,217.7	398.8	2,752.7	1,522.8	2,537.3	2,543.1	1,671.2	1,087.6	1,957.9	1,404.8	2,519.0	1,638.0	MSCF/mo	22,250.87	N/A	MMSCF/yr
Production ICE Total	3,557.8	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	3,034.3	3,363.8	3,484.5	3,512.4	3,638.5	3,139.8	MSCF/mo	39.85	80.00	MMSCF/yr
Drilling Engines																
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
Drilling ICE Total	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	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	1,564.5	1,395.0	Bbls/mo	18,442	20	MBbl/yr
T-3B	1,483.0	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	1,564.5	1,395.0	Bbls/mo	18,442	20	MBbl/yr
V-8	2,966.0	3,152.0	3,162.0	2,869.0	2,996.0	3,154.0	3,243.0	3,282.0	3,005.0	3,155.0	3,005.0	3,155.0	Bbls/mo	37,124	3960	MBbl/yr
Solvent Usage																
Z-Sol	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	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
Total Solvents	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	0.0	Gal/mo	0.00	4.45	Tons/yr ROC
Total Coatings	20.0	27.5	65.0	19.5	20.5	22.0	11.3	0.0	7.0	3.0	8.8	17.8	Gal/mo	222.25	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	2,501.2	2,673.0	2,560.0	1,737.0	1,491.6	1,500.2	1,770.0	1,601.6	2,005.4	2,054.4	1,309.0	4,550.6	Gal/mo	25,754	N/A	Gal/yr
Work Boat Fuel:	0.0	2,052.0	1,889.0	1,477.0	1,305.2	1,312.7	1,548.8	1,401.4	1,754.7	1,539.3	657.8	1,073.3	Gal/mo	16,011	N/A	Gal/yr
Total Boat Fuel:	2,501.2	4,725.0	4,449.0	3,214.0	2,796.8	2,812.9	3,318.8	3,003.0	3,760.1	3,593.7	1,966.8	5,623.9	Gal/mo	41,765	96,792	Gal/yr^a
Boat Emissions: tons																
ROC	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.05	0.03	Tons/mo	0.69	1.90	Tons/yr at 33.15 lbs/MGal
NOx	0.70	1.33	1.25	0.90	0.78	0.79	0.93	0.84	1.05	1.01	0.55	1.58	Tons/mo	11.72	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.04	0.08	0.07	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.06	0.05	Tons/mo	0.70	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	Tons/mo	0.16	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.13	0.24	0.23	0.16	0.14	0.14	0.17	0.15	0.19	0.18	0.10	0.23	Tons/mo	2.13	5.94	Tons/yr at 102.00 lbs/MGal

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

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Mar-14

Equipment	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	71.0	89.0	144.0	90.0	68.6	126.0	43.0	134.0	179.0	129.0	225.1	135.0	Gal/mo	1,433.7	N/A	Gallyr
South Crane	0.0	20.0	39.0	0.0	0.0	65.0	72.0	50.0	0.0	0.0	64.0	0.0	Gal/mo	310.0	N/A	Gallyr
Crane Total	71.0	109.0	183.0	90.0	68.6	191.0	115.0	184.0	179.0	129.0	289.1	135.0	Gal/mo	1,744	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	95.0	190.0	173.0	185.0	216.0	249.0	202.0	161.0	172.0	180.0	185.0	170.0	MSCF/mo	2.18	N/A	MMSCF/yr
Unplanned (HP+LP)	205.0	135.0	187.0	72.0	145.0	58.0	69.0	4.0	0.0	0.0	0.0	26.0	MSCF/mo	0.90	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	300.0	326.0	360.0	260.0	361.0	307.0	271.0	165.0	172.0	180.0	185.0	196.0	MSCF/mo	3.08	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	6.0	15.0	11.0	9.0	130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	171.00	55,900	Gallyr
G3	0.001	0.000	0.408	0.000	0.000	0.012	0.000	0.002	0.002	0.024	0.042	0.000	MMSCF/mo	0.49	51.10	MMSCF/yr
48 BHP Starter Engine	1.3	2.5	1.7	4.5	0.0	3.4	5.0	0.0	4.0	20.4	0.0	7.0	Gal/mo	49.80	7,315	Gallyr
P-19 Firewater Pump	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	5.0	Gal/mo	32.40	Exempt	Gallyr
Portable Equipment	124.0	90.0	73.0	95.0	39.0	60.0	15.0	116.0	35.0	66.0	157.0	139.0	Gal/mo	1,009.00	Exempt	Gallyr
Production Engines																
G-1A	3,003.1	501.7	1,600.1	864.0	198.5	1,363.1	2,276.2	1,526.6	2,107.6	1,119.5	1,501.9	1,998.7	MSCF/mo	18,060.94	N/A	MMSCF/yr
G-1B	398.8	2,752.7	1,522.8	2,537.3	2,543.1	1,671.2	1,087.6	1,957.9	1,404.8	2,519.0	1,638.0	1,715.4	MSCF/mo	21,748.57	N/A	MMSCF/yr
Production ICE Total	3,401.9	3,254.4	3,122.9	3,401.3	2,741.6	3,034.3	3,363.8	3,484.5	3,512.4	3,638.5	3,139.8	3,714.1	MSCF/mo	39.81	60.00	MMSCF/yr
Drilling Engines																
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
Drilling ICE Total	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	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gallyr
Tanks Throughputs																
T-3A	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	1,564.5	1,395.5	1,553.0	Bbls/mo	18,512	20	MBbl/yr
T-3B	1,576.0	1,581.0	1,434.5	1,498.0	1,577.0	1,621.5	1,631.0	1,502.5	1,577.5	1,564.5	1,395.5	1,553.0	Bbls/mo	18,512	20	MBbl/yr
T-8	3,152.0	3,162.0	2,869.0	2,896.0	3,154.0	3,243.0	3,262.0	3,005.0	3,155.0	3,129.0	3,005.0	3,155.0	Bbls/mo	37,287	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	0.0	1.0	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
Total Solvents	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	0.0	1.0	Gal/mo	0.00	4.45	Tons/yr ROC
Total Coatings	27.5	65.0	19.5	20.5	22.0	11.3	0.0	7.0	3.0	8.8	17.8	12.3	Gal/mo	214.50	Exempt	Gallyr
Boats:																
Crew Boat Fuel:	2,673.0	2,560.0	1,737.0	1,491.6	1,500.2	1,770.0	1,601.6	2,005.4	2,054.4	1,309.0	4,550.6	5,096.2	Gal/mo	28,289	N/A	Gallyr
Work Boat Fuel:	2,052.0	1,889.0	1,477.0	1,305.2	1,312.7	1,548.8	1,401.4	1,754.7	1,539.3	657.8	1,073.3	728.2	Gal/mo	16,739	N/A	Gallyr
Total Boat Fuel:	4,725.0	4,449.0	3,214.0	2,796.8	2,812.9	3,318.8	3,003.0	3,760.1	3,593.7	1,966.8	5,623.9	5,764.4	Gal/mo	45,028	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.08	0.07	0.05	0.05	0.05	0.06	0.05	0.06	0.06	0.03	0.09	0.10	Tons/mo	0.75	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.33	1.25	0.90	0.78	0.79	0.93	0.84	1.05	1.01	0.55	1.58	1.62	Tons/mo	12.63	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.07	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.03	0.09	0.10	Tons/mo	0.75	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	Tons/mo	0.17	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.24	0.23	0.16	0.14	0.14	0.17	0.13	0.19	0.18	0.10	0.29	0.29	Tons/mo	2.30	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gallyr, with any producing wells, limit is 7,344 gallyr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gall (PTO No. 1494)

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.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 8-4-13

UNIT; G-1A

HOURS; 20281

MECHANIC:

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES ___ NO ___

COMMENTS:

CHANGE & CLEAN OIL FILTERS: YES ___ NO ___

COMMENTS:

CHANGE CRANK CASE OIL: YES ___ NO ___

COMMENTS:

REPLACE AIR FILTER: YES ___ NO ___

COMMENTS:

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES ___ NO ___

COMMENTS:

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES ___ NO ___

COMMENTS:

REPLACE O2 SENSOR YES ___ NO ___

COMMENTS:

ADDITIONAL MAINTENANCE

DATE: 8-4-13 HOURS: 20281 MECHANICS: Seth McBeath

Replaced Coolant gasket and 2 tubing seals.

Repaired 2 electrical box anti-vibration feet.

Tightened alternator belt.

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

Condition PQ11493PC5

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

G-1A

Month: APRIL

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (If needed) CO	Time	Tester's Initials
Day	Nox						
1	2	3	1:19				JTR
2	2	2	1:09				JTR
3	1	2	5:14				WC
4	2	2	4:18				WC
5	2	6	4:00				WC
6	3	6	2:00				WC
7	3	16	5:03				WC
8	3	23	4:59				WC
9	2	5	4:06				WC
10	4	2	1:13				JTR
11	5	1	1:10				JTR
12	4	1	1:29				JTR
13	2	1	1:04				JTR
14	1	1	0:57				JTR
15	2	3	1:14				JTR
16	5	2	1:04				JTR
17	2	47	0:51				WL
18	3	3	0:48				WL
19	3	2	0:55				WL
20	5	2	0:39				WL
21	3	3	0:45				WL
22	3	5	0:47				WL
23	3	2	0:43				WL
24	4	2	2:04				DG
25	3	0	1:55				DG
26	4	0	2:09				DG
27	5	2	1:59				DG
28							OOS
29							OOS
30							OOS
31							

Condition PQ11493PC5

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

G-1A

Month: MAY

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (If needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27	3	1	0:58					JTR
28	2	9	0:50					JTR
29	2	6	2:42					WC
30	3	5	3:06					WC
31	3	12	0:34					WC

Condition PQ11493PCS

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

G-1A

Month: JUNE

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1	2	1	5:44					WC
2	4	5	3:50					WC
3	3	4	1:39					WC
4	3	15	1:50					WC
5	4	45	1:12					JTR
6	4	17	0:52					JTR
7	4	6	0:54					JTR
8	3	27	1:18					JTR
9	3	22	0:41					JTR
10	3	70	0:32					JTR
11	3	57	0:44					WL
12	1	5	0:43					WL
13	2	70	0:41					WL
14	2	10	0:28					WL
15	2	23	0:25					WL
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				

Condition PQ11493PC5

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

3

G-1A				MONTH: July	YEAR: 2013			
INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that Initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9	3	11	14:38					WC
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20	2	29	6:57					JTR
21	4	31	9:32					JR
22	3	54	2:34					CK
23	5	59	4:04					CK
24	2	30	3:31					WC
25	2	67	2:34					WC
26	2	35	2:20					WC
27	3	59	3:54					WC
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

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

G-1A

Month: AUGUST

Year: 2013

G-1A

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST				
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Time	Tester's Initials
	Nox	CO				CO			
1				OOS					
2				OOS					
3				OOS					
4				OOS					
5				OOS					
6				OOS					
7				OOS					
8				OOS					
9				OOS					
10				OOS					
11	3	31	12:44						DA
12				OOS					
13				OOS					
14				OOS					
15				OOS					
16				OOS					
17				OOS					
18				OOS					
19				OOS					
20				OOS					
21				OOS					
22				OOS					
23				OOS					
24				OOS					
25				OOS					
26				OOS					
27				OOS					
28				OOS					
29				OOS					
30	2	15	13:24						DG
31	2	15	9:15						JR

Condition PQ11493PC5

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

G-1A

Month: December

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Time	Tester's Initials
Day	Nox				CO	Nox		
1	1	1	0:33					WL
2	1	8	1:00					WL
3	1	6	1:06					WL
4	3	0	3:23					DG
5	2	20	1:56					DG
6	4	24	2:00					DG
7					OOS			
8					OOS			
9					OOS			
10					OOS			
11					OOS			
12	1	8	10:39					WC
13	2	2	0:38					WL
14	2	1	0:39					WL
15	2	6	0:33					WL
16	2	1	0:32					WL
17	2	1	0:32					WL
18	1	1	1:46					CR
19	2	4	1:49					DG
20	3	1	1:33					DG
21	4	0	1:39					DG
22	5	0	2:43					DG
23					OOS			
24					OOS			
25					OOS			
26					OOS			
27					OOS			
28	1	6	17:44					WC
29	3	0	0:48					WL
30	1	1	0:27					WL
31	4	9	0:32					WL

Condition PQ11493PC5

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

G-1A Month: Jan Year: 2014

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)			Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)		Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
Day	Nox	CO	Time		Nox	CO	
1	3	6	2:11				CK
2	5	1	1:41				CK
3	4	3	2:50				CK
4	3	1	7:30				LH
5	2	1	3:27				CK
6	1	5	1:03				CK
7	3	1	0:49				CK
8				OOS			
9				OOS			
10				OOS			
11				OOS			
12				OOS			
13				OOS			
14				OOS			
15				OOS			
16	3	7	3:53				VB
17				OOS			
18				OOS			
19				OOS			
20				OOS			
21				OOS			
22				OOS			
23				OOS			
24				OOS			
25				OOS			
26				OOS			
27				OOS			
28	1	39	20:11				JR
29	4	5	3:43				DG
30				OOS			
31				OOS			

Condition PQ11493PC5

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

G-1A

Month : FEB. 2014

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)	Time	Tester's Initials
Day	Nox				CO		
1			OOS				
2			OOS				
3			OOS				
4	5	5	0:59				DG
5	2	0:00	3:21				WC
6	2	6	4:22				WC
7	2	5	5:19				WC
8	2	23	2:19				WC
9	1	2	3:38				WC
10	2	2	1:41				WC
11	3	4	0:53				WC
12	4	8	5:00				VB
13	3	15	2:48				VB
14	4	12	3:12				VB
15	4	5	2:12				VB
16	4	7	2:00				VB
17			OOS				
18			OOS				
19			OOS				
20			OOS				
21			OOS				
22			OOS				
23			OOS				
24			OOS				
25			OOS				
26			OOS				
27			OOS				
28			OOS				
29							
30							
31							

Condition PQ11493PC5

PLATFORM GRACE
 773 WAUKESHA GENERATOR ENGINE (G-1A)
 DAILY CAM/RULE 74.9 MONITORING

G-1A

Month: MARCH

Year: 2014

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Secondary Reading (ppmv @ 15% O2) (if needed)	Time	Tester's Initials	
Day	Nox						CO
1			OOS				
2			OOS				
3			OOS				
4			OOS				
5	5	7	13:07			DG	
6	2	6	2:17			VB	
7	5	13	2:04			VB	
8	2	38	1:33			VB	
9	5	9	5:14			DG	
10	5	32	:59			VB	
11	1	17	1:37			VB	
12	1	10	:43			WL	
13			OOS				
14			OOS				
15			OOS				
16			OOS				
17			OOS				
18			OOS				
19			OOS				
20			OOS				
21			OOS				
22	2	14				VB	
23	3	48	2:08			DG	
24	0	40	1:45			DG	
25	3	23	2:52			DG	
26	1	67	1:16			WC	
27	1	40	2:00			WC	
28	3	52	0:23			WC	
29	2	35	0:22			WC	
30			OOS				
31			OOS				

ENGINE DATA FOR THE CATERPILLAR (G-1B)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Serial No.: 5VA00572

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 previously submitted to the District. Enclosed are summary of results.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 7-24-13 UNIT; G1-B
HOURS; 19963
MECHANIC: Larry Hayes, Seth Mcbeath

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES ___ NO X ___
COMMENTS:

CHANGE & CLEAN OIL FILTERS: YES ___ NO X ___
COMMENTS:

CHANGE CRANK CASE OIL: YES ___ NO X ___
COMMENTS:

REPLACE AIR FILTER: YES ___ NO ___
COMMENTS:

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES ___ NO ___
COMMENTS:

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES ___ NO X ___
COMMENTS:

REPLACE O2 SENSOR YES ___ NO ___
COMMENTS:

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC: Larry Hayes, Seth McBeath

COMMENTS: Replaced, Water pump and drive seal, Oil tube seal at turn buckle,

Alternator and belt, Coolant tube elbow and seals, Fan belts and (bearing assembly from G1-C), Oil centrifuge paper liner, 24V system starter batteries. Also cleaned radiator and belt guards.

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

PLATFORM GRACE GENERATOR SERVICE

DATE: 11/22/2013
UNIT: G-1B
HOURS: 21660
MECHANIC: LARRY HAYES & DAVID GENTRY

- 1500 HOUR SERVICE
- 3000 HOUR SERVICE
- SERVICE / REPAIR

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO

COMMENTS:

CHANGE OIL FILTERS: YES NO

SPINNER II PAPER INSERT: YES NO

COMMENTS: SPINNER WAS VERY CLEAN, I'M GOING TO MOVE IT TO THE 3000HR SERVICE.

CHANGE CRANK CASE OIL: YES NO

COMMENTS:

REPLACE AIR FILTERS: YES NO

PRE FILTERS: YES NO

GEN INTAKE FILTERS: YES NO

COMMENTS:

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO

COMMENTS:

REPLACE O2 SENSORS: YES NO

COMMENTS:

SERVICE / REPAIR

G-1 & G-6 SERIES PART NUMBERS & QTY

SPARK PLUG: (16) CHAMPION 1224 RL85G O2 SENSOR: (3) BOSCH 75-1521 (4-WIRE) OIL FILTERS: (6) BALDWIN PT670

AIR FILTER: (2) DONALDSON P111098 AIR PRE-FILTER: (2) DONALDSON P607314 GEN INTAKE FILTER: (4) 16 X 25 X 2

SPINNER II 3600: (1) 73358 600 HD/360 PAPER INSERT CAT ELEMENT GASKET: (2) 102" LID: (1) 77"

BELTS: (4) GOODYEAR 5VX1000

SIGNATURE

Larry Hayes

Condition PQ11493PC5

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

G-1B

Month: APRIL

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (If needed)	CO	Time	Tester's Initials
	Nox	CO							
1				OOS					
2				OOS					
3				OOS					
4				OOS					
5				OOS					
6				OOS					
7				OOS					
8				OOS					
9				OOS					
10				OOS					
11				OOS					
12				OOS					
13				OOS					
14				OOS					
15				OOS					
16				OOS					
17				OOS					
18				OOS					
19				OOS					
20				OOS					
21				OOS					
22				OOS					
23				OOS					
24				OOS					
25				OOS					
26				OOS					
27	0	1	14:01						JTR
28	4	7	2:27						DG
29	1	2	2:08						DG
30	3	1	2:38						DG

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B

Month: MAY

Year: 2013

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1	2	17	3:46					WC
2	4	7	4:58					WC
3	2	1	5:37					WC
4	2	2	1:17					WC
5	2	2	3:24					WC
6	1	1	4:46					WC
7	2	1	1:04					WC
8	2	2	1:29					JTR
9	2	1	1:17					JTR
10	1	0	0:52					JTR
11	4	3	0:55					JTR
12	2	1	0:56					JTR
13	1	1	0:50					JTR
14	3	4	0:57					JTR
15	1	1	0:38					WL
16	4	19	0:41					WL
17	2	13	0:30					WL
18	2	0	0:33					WL
19	4	3	0:37					WL
20	3	1	0:31					WL
21	2	10	1:00					WL
22	4	2	1:00					JTR
23	3	1	0:43					JTR
24	4	2	0:57					JTR
25	3	7	0:57					JTR
26	3	1	11:11					JTR
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B

Month: JULY

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST				
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)	CO	Time	Tester's Initials
	Nox	CO							
1	1	2	3:12						WC
2	2	6	3:09						WC
3	4	4	1:13						JTR
4	2	36	1:24						JTR
5	1	5	3:05						JTR
6	5	56	5:40						CK
7	5	16	1:03						JTR
8	4	0	1:08						JTR
9	4	57	1:10						JTR
10	4	12	6:04						WC
11	2	52	5:51						WC
12	0	2	1:58						WC
13	1	69	6:06						WC
14	2	32	2:30						WC
15	2	39	5:33						WC
16	3	45	6:05						WC
17	4	43	3:05						CK
18	1	2	7:49						JTR
19	5	45	1:46						CK
20	5	11	5:45						CK
21				OOS					
22				OOS					
23				OOS					
24				OOS					
25				OOS					
26				OOS					
27	4	3	12:33						WL
28	2	23	2:40						WC
29	2	27	1:52						WC
30	3	35	2:04						WC
31	4	51	1:08						CK

Condition PQ11493PC5

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

G-1B

Month:AUGUST

Year: 2013

G1-B

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1	5	3	1:18					JTR
2	3	19	1:05					CK
3	4	25	1:41					CK
4	5	17	1:14					CK
5	5	4	1:19					JTR
6	5	24	1:22					CK
7	4	14	0:54					WL
8	4	16	0:41					WL
9	2	16	0:41					WL
10	4	10	0:41					WL
11	3	13	0:38					WL
12	3	10	0:39					WL
13	4	17	1:03					WL
14	3	7	2:09					DG
	2	1	2:31					DG
16	5	6	2:42					DG
17	4	1	2:18					DG
18	5	16	2:37					DG
19	4	5	2:43					DG
20	3	0	2:35					DG
21	3	2	4:10					CS
22	2	7	5:37					CS
23	4	5	1:25					CS
24	4	23	3:53					CK
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B Month:OCTOBER Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that Initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9	3	36	18:23					DG
10	4	9	2:40					DG
11	5	19	2:13					DG
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21	5	9	14:24					WL
22	4	5	1:26					WC
23	4	7	2:29					CK
24	4	48	1:22					CK
25	3	47	2:23					CK
26	5	12	3:27					CK
27	5	11	2:14					CK
28	4	24	3:11					CK
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

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

G-1B

Month: November

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9	5	11	6:17					DG
10	5	6	2:24					DG
11	5	4	1:29					DG
12	5	7	2:31					DG
13	5	8	1:16					WL
14	5	6	0:52					WL
15	5	38	6:58					DA
16	5	10	0:30					WL
17	3	10	0:38					WL
18	5	6	0:58					WL
19	3	4	9:57					DG
20	5	4	2:02					CK
21	5	52	2:58					CK
22	2	3	12:28					DG
23	5	19	2:07					CK
24	3	32	2:00					CK
25	3	50	0:52					CK
26	5	4	2:03					CK
27	2	18	0:55					WL
28				OOS				
29				OOS				
30				OOS				

Condition PQ11493PC5

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

G-1B

Month: December

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken <small>(In the event that initial test result is greater than 5 ppmv @ 15% O2)</small>	Nox	Secondary Reading (ppmv @ 15% O2) (If needed)	Time	Tester's Initials
	Nox	CO						
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6	3	47	13:00					JR
7	5	7	2:59					DG
8	4	2	1:53					DG
9	4	0	2:14					DG
10	4	3	1:36					DG
11	2	40	1:12					WL
12	5	8	0:25					WL
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22	5	8	15:08					CK
23	4	24	1:20					DG
24	5	16	1:13					DG
25	3	11	0:48					WL
26	4	3	0:35					WL
27	3	6	0:39					WL
28	2	11	0:32					WL
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
399 CATERPILLAR GENERATOR ENGINE (G-1B)
DAILY CAM/RULE 74.9 MONITORING

G-1B

Month: January

Year: 2014

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7	4	17	14:42					WL
8	4	8	3:53					WC
9	4	21	2:58					WC
10	2	40	4:16					WC
11	4	38	3:33					WC
12	3	2	4:58					WC
13	3	49	4:10					WC
14	3	55	1:37					WC
15	4	2	1:35					CK
16	4	5	2:59					CK
17	4	14	16:52					JR
18	5	10	2:35					VB
19	3	27	2:30					VB
20				OOS				
21	2	57	17:09					WL
22	2	54	1:12					WL
23	1	3	1:10					WL
24	3	43	0:28					WL
25	2	40	0:26					WL
26	2	18	0:32					WL
27	2	1	0:33					WL
28	2	28	0:49					WL
29	0	6	14:13					VB
30	0	1	2:12					DG
31	1	1	1:34					DG

Condition PQ11493PC5

PLATFORM GRACE
399 CATERPILLAR GENERATOR ENGINE (G-1B)
DAILY CAM/RULE 74.9 MONITORING

G-1B

Month: March

Year: 2014

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed) CO	Time	Tester's Initials
	Nox	CO						
1	3	43	7:23					WL
2	1	1	3:35					WC
3	3	25	2:24					WC
4	2	46	1:24					WC
5	1	20	2:40					VB
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12	1	11	19:36					WL
13	3	44	1:06					WL
14	1	2	0:44					WL
15	1	23	0:33					WL
16	2	18	0:46					WL
17	1	36	0:31					WL
18	1	55	0:31					WL
19	1	33	2:04					DG
20	2	28	2:19					DG
21	1	26	1:58					DG
22	3	18	2:25					DG
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29	0	33	22:30					WC
30	2	45	5:23					WC
31	1	64	2:45					WC

ENGINE DATA FOR THE CATERPILLAR ENGINE (G-6A)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Engine Location: Drilling Deck

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

- No service performed. Unit was out of service during reporting period.

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

ENGINE DATA FOR THE CATERPILLAR ENGINE (G-6B)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Engine Location: Drilling Deck

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

- No service performed. Unit was out of service during reporting period.

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

ENGINE DATA FOR THE CATERPILLAR ENGINE (G-6C)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Engine Location: Drilling Deck

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

- No service performed. Unit was out of service during reporting period.

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

ENGINE DATA FOR THE WAUKESHA ENGINE (G-03)

Engine Manufacturer: Waukesha

Model No.: F3521G (SI)

Serial No.: 289729

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

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

- No service performed during reporting period.

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

Condition PQ11493PCS

**PLATFORM GRACE
773 WAUKESHA GENERATOR ENGINE (G-03)
DAILY CAM/RULE 74.9 MONITORING**

G-3 Month: May Year: 2013

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 9 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	NOX	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

**PLATFORM GRACE
773 WAUKESHA GENERATOR ENGINE (G-03)
DAILY CAM/RULE 74.9 MONITORING**

G-3

Month: OCTOBER

Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 9 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				Nox	CO	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

**PLATFORM GRACE
773 WAUKESHA GENERATOR ENGINE (G-03)
DAILY CAM/RULE 74.9 MONITORING**

Month: DECEMBER Year: 2013

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST			
Initial Reading (ppmv @ 15%O2)		Time		Corrective Actions Taken (In the event that initial test result is greater than 9 ppmv @ 15% O2)	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials	
Day	Nox	CO			Nox	CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

**PLATFORM GRACE
773 WAUKESHA GENERATOR ENGINE (G-03)
DAILY CAM/RULE 74.9 MONITORING**

G-3

Month: January

Year: 2014

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)		Time		Corrective Actions Taken (In the event that initial test result is greater than 9 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
Day	Nox	CO	Time			Nox	CO	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

**PLATFORM GRACE
773 WAUKESHA GENERATOR ENGINE (G-03)
DAILY CAM/RULE 74.9 MONITORING**

G-3

Month: MARCH

Year: 2014

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST				
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 9 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Time	Tester's Initials
	Nox	CO				CO			
1				OOS					
2				OOS					
3				OOS					
4				OOS					
5				OOS					
6				OOS					
7				OOS					
8				OOS					
9				OOS					
10				OOS					
11				OOS					
12				OOS					
13				OOS					
14				OOS					
15				OOS					
16				OOS					
17				OOS					
18				OOS					
19				OOS					
20				OOS					
21				OOS					
22				OOS					
23				OOS					
24				OOS					
25				OOS					
26				OOS					
27				OOS					
28				OOS					
29				OOS					
30				OOS					
31				OOS					



Letter of Conformance

February 17, 2014

This is to certify that the CARB Ultra Low sulfur dyed Diesel Fuel sold and delivered to

VENOCO FOR PLATFORM GAIL AND GRACE 1/1/2013-12/31/2013

Was in compliance with South Coast Air Quality Management District requirements for Ventura and Santa Barbara Counties. The test Results meet ASTM D-5453 and are Typical of all CARB Ultra Low Sulfur Dyed Diesel Fuel sold by Maxum Petroleum. 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.

Hope Bowles

General Manager
SC Fuels
Oxnard Division
Office (805) 299-1219
bowlesh@scfuels.com



Oilfield Environmental and Compliance, INC.

Venoco, Inc. - Carpinteria
5675 Carpinteria Ave.
Carpinteria CA, 93013

Project: Annual SCAQMD Samples
Project Number: Platform Gail and Grace
Project Manager: Pat Corcoran

Reported:
04-Feb-14 17:06

Plt. Grace Inlet to T-13
1400439-05 (Produced Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Oilfield Environmental and Compliance

ROC by ASTM E-260-85 /8260M/5030

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ROC (C3-C10)	ND	50	ug/L	1	A402032	03-Feb-14	03-Feb-14	ASTM E-260 TPH-Sample (mod)	
Surrogate: Dibromofluoromethane		107 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	70-130		"	"	"	"	

Plt. Grace Inlet to T-2
1400439-06 (Produced Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Oilfield Environmental and Compliance

ROC by ASTM E-260-85 /8260M/5030

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ROC (C3-C10)	ND	50	ug/L	1	A402032	03-Feb-14	03-Feb-14	ASTM E-260 TPH-Sample (mod)	
Surrogate: Dibromofluoromethane		105 %	70-130		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.7 %	70-130		"	"	"	"	

Oilfield Environmental and Compliance

307 Roemer Way, Suite 300, Santa Maria, CA 93454

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.

www.oecusa.com

TEL: (805) 922-4772
FAX: (805) 925-3376

CLIENT OEC
PROJECT NAME: Oilfied Gas- SCAQMD
LABORATORY NO: 14-065
SAMPLING DATE: January 29, 2014
RECEIVING DATE: January 30, 2014
ANALYSIS DATE: January 30, 2014
REPORT DATE: January 31, 2014

Laboratory Analysis Report

Analysis Method		SCAQMD 307-91			
Detection Limits		0.1 PPMV			
Analyte	Client ID	Pit. Gail Fuel Gas	Pit. Gail Fuel Gas Duplicate	Pit. Grace Fuel Gas	Pit. Grace Fuel Gas Duplicate
	OEC ID	1400439-01	1400439-02	1400439-03	1400439-04
	Sampling Date	1/29/2014	1/29/2014	1/29/2014	1/29/2014
	Lab ID	03014-15	03014-16	03014-17	03014-18
	Units	PPMV	PPMV	PPMV	PPMV
Hydrogen Sulfide		6.51	8.12	19.4	20.1
Carbonyl Sulfide		3.13	3.33	0.53	0.55
Methyl Mercaptan		1.35	1.43	0.07	0.07
Ethyl Mercaptan		0.46	0.50	<0.1	<0.1
Un-Identified S Compounds		3.07	3.31	0.75	0.91
TRS as H ₂ S		14.5	16.7	20.7	21.6

TRS: Total Reduced Sulfur as Hydrogen Sulfide


 Dr. Andrew Kitto
 President

