DOCKETED	
Docket Number:	01-AFC-18C
Project Title:	Henrietta Peaker Project Compliance
TN #:	231027
Document Title:	Henrietta Peaker Plant 2018 Report
Description:	N/A
Filer:	Joe Douglas
Organization:	California Energy Commission
Submitter Role:	Energy Commission
Submission Date:	12/10/2019 7:56:10 AM
Docketed Date:	12/10/2019

MRP San Joaquin Energy, LLC

April 25, 2019

Mr. Joseph Douglas, Compliance Project Manager
California Energy Commission
1516 9th Street
Sacramento, CA 95814-5512

RE: Henrietta Peaker Plant (01-AFC-18) 2018 Report

Dear Mr. Douglas:

In accordance with the Commission's Conditions of Certification for Henrietta Peaker Plant (01-AFC-18), GWF Energy LLC submits for your review and files the annual compliance report for 2018.

If you have any questions regarding the information provided in this report, please feel free to contact Mr. Neftali Nevarez at (925) 597-2905. E-mail: nefatli.nevarez@naes.ca
Thank you for your time and consideration regarding this matter.

Respectfully,

John Archibald
Plant Manager
MRP San Joaquin Energy, LLC

Enclosures:
Henrietta Peaker Plant 2018 Annual Report of Compliance

HENRIETTA PARK PEAKER (01-AFC-18)
FACILITY INFORMATION AND DOCUMENT CERTIFICATION

Owner: MRP San Joaquin Energy LLC.
Address: 14950 W. Schulte Road, Tracy, CA 95377
Primary Contact: Neftali Nevarez, Compliance Manager
Phone: 925.597.2905

Facility Address: 16027 25th, Lemoore, CA. 93245
Primary Contact: John Archibald, Plant Manager
Phone: 209.248.6838 (Office)

STATEMENT OF FACT

I certify under penalty of perjury that I have personally examined and am familiar with the information submitted in the Annual Report of Compliance; and based on my inquiry of those individuals immediately responsible for obtaining the information, I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

4.26.19

John Archibald
Plant Manager
MRP San Joaquin Energy LLC.

Date

MRP San Joaquin Energy, LLC

Henrietta Peaker Plant
(01-AFC-18)

2018
Annual Report on Compliance

California Energy Commission

Prepared by

MRP San Joaquin Energy LLC.
Tracy, California

April 25, 2019

14950 W. SCHULTE RD; TRACY, CALIFORNIA 95377 – TEL. (209) 248-6841

Report of Operations

Introduction

In accordance with the California Energy Commission requirements, MRP San Joaquin Energy LLC., (SJE) has prepared the 2018 Annual Report of Compliance that includes a summary of the Operations and Maintenance Activities for the Henrietta Peaker Plant located at 16027 25th Avenue, Lemoore, California

Project Description

The Henrietta Peaker Plant is a nominal 98 MW peaking power plant that consist of two General Electric LM-6000 combustion gas turbine generator sets and associated equipment necessary for simple-cycle operation. The peaking plant is located at 16027 25th Avenue, Lemoore, California. Both units declared commercial operation on July 1, 2002. The units currently operate under a power purchase agreement that terminates on December 31, 2022 with Pacific Gas and Electric Company as our counterparty.

Henrietta Peaker Plant was licensed by the California Energy Commission (CEC) on March 2002 under Adoption Order No. 01-0510-01, Docket No. 01-AFC-18. The Peaker was authorized for construction by the San Joaquin Valley Air Pollution Control District under an Authority To Construct No. C-3929-1 and C-3929-2. The Title V permits were renewed by the SJVAPCD on April 7, 2017. The "federally enforceable" Permit(s) To Operate C-3929-0-2 (Facility Wide), C-3929-1-6 (Unit A), C-3929-2-6 (Unit B) and C-3929-4-4 (Emergency Diesel Generator) are valid until June 30, 2021.

Project Operating History

Henrietta Peaker Plant was placed into service in July 1 2002; the following summarizes the operating history of both units since the commercial operation dates.

	Unit A		Unit B	
Year	Fired Hours	MWh(net)	Fired Hours	MWh(net)
2002	315	14,634	297	14,424
2003	218	9,932	223	9,764
2004	147	4,983	124	6,001
2005	166	6,720	180	6,318
2006	224	9,487	242	9,735
2007	275	10,784	281	10,228
2008	603	23,754	615	24,308
2009	762	27,290	737	27,940
2010	254	8,419	273	7,408
2011	203	8,007	193	7,936
2012	483	17,333	610	21,404
2013	1024	27,201	1081	26,887
2014	1494	50,611	1418	47,617
2015	1353	47,259	1403	49,569

Year	Unit A Fired Hours	MWh(net)	Unit B Fired Hours	MWh(net)
2016	558	15,892	570	16,630
2017	705	19,729	669	18,779
2018	650	16,662	612	16,241

Power Plant Owner Report

In accordance with CCR Title 20, Division 2, Chapter 3, Section 1304(a) the 2016 Power Plant Owner Report was submitted to the CEC on February 14, 2019.

Complaints, Notices and Citations

SJE did not receive any complaints, notices or citations in conjunction with the operations of the Henrietta Peaker Plant in 2018

Facility Closure Plan

Three months prior to the scheduled closure of the HPP facility SJE will submit a closure plan to the CEC for review and approval. No plan has been prepared at this time.

Environmental Concerns

- **Air Quality – CTG Conditions AQ- 6-9, 13, 16-22, 24-30, 31-38, and EDG conditions 49, 53-55. Violation, Notifications and submittals**

  SJE Henrietta Peaker Plant did not receive any complaints, Notices of Violation, or any other Notices or Citations in conjunction with the operations of this facility in 2018.

- **Bio-2 Biological Resources Mitigation Implementation and Monitoring Plan – See Appendix B**

  Ms. Molly Sandomire, the alternate designated Biologist, conducted a visual biological resources assessment of HPP on November 15, 2018. Copies of the status reports are included in Appendix B.

- **Haz-3 - Hazardous Materials Inventory**

  Condition Haz-3 requires submittal in the annual report of the list of regulated substances. SJE updated the Hazardous Materials Business Plan (HMBP) and chemical inventory on October 10, 2018. Copies of the list were provided to the Kings County Environmental Health Department and to the Kings County Fire Department as required. The HMBP approval form as well as the Chemical Inventory list are provided in Appendix E.

- **Noise-2 – Project Noise Complaints**

  Condition Noise-2 requires the project owner to document, investigate, evaluate and attempt to resolve all project related noise complaints throughout the operation of the project. There were no complaints of excessive noise received by SJE for the HPP facility in 2018. A memo from the plant manager is provided in Appendix F.

- **Vis-2 – Paint Maintenance**

  Condition Vis-2 requires the project owner to periodically inspect the plant and maintain painted surfaces in good condition and in the appropriate colors approved by CEC staff. The plant was inspected and it was reported that no painted surfaces were in need of maintenance, therefore no painting occurred. A memo describing painted surfaces maintenance activities is provided in appendix G.

- **Vis-5 – Landscape Maintenance Activities**

  Condition Vis-5 requires the project owner to report landscape maintenance activities, including replacement of dead vegetation for the previous year of operation. A memo describing landscape maintenance activities is provided in appendix H.

- **Water Quality-4 Wastewater Disposal**

  Condition Water Quality-4 requires the owner maintain copies of wastewater hauled off-site and submit copies of records in the annual report. Copies of wastewater hauled off-site are provided in Appendix I.

- **Waste-2-Waste Management Methods**

  Condition Waste-2 requires the project owner to document the actual waste management methods used during the year compared to planned management methods. Management methods did not change during 2018. A copy of the management methods matrix is provided in appendix J.

- **Water Quality-5 – Storm water monitoring.**

  Condition Water Quality -5 requires the project owner submit results of the monitoring program including laboratory reports. The plant's storm water evaporation/percolation basin was inspected monthly from Jan 2018 through December 2018 and found to be in compliance with the written storm water pollution prevention program.
  During the Storm Water Monitoring season storm water quality sampled were collected on January 19, and April 6, 2018. The analytical reports of storm water quality are provided in Appendix K.

- **Water Res-1 and Water Res-2**

  Conditions Water Res-1 and Water Res-2 require the project owner to submit a water use summary. The summary is provided in Appendix L.

- **TLSN-2 – Radio TV Interference Line Related Complaints**

  Condition TLSN requires PG&E to identify and correct any complaints of radio or TV interference. PG&E provided an initial report on the interference of the Henrietta substation in 2002, but AltaGas has received no other reports since. A memo is provided in Appendix M.

A

Compliance Matrix
ACR-1

AltaGas Henrietta Peaker Project
CEC Compliance Tracking Report 2017

MRP San Joaquin Energy, LLC.
Henrietta Peaker Plant

CEC Compliance Project Manager: Joseph Douglas

Reporting Period: January 1, 2018 - December 31, 2018

ANNUAL COMPLIANCE MATRIX - PROJECT No. 08-AFC-18

COC No.	Description	Schedule	Submittal Date	Format	Recipent
AQ-6	Submit documentation of NOx operating parameters/outputs to SJVAPCD	Output to SJVAPCD sent out in daily file report to FTP site	Jan 1, 2018 thru Dec 31, 2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-9	Particulate limited to 0.1 grains/dscf; provide compliance records in quarterly reports	Compliance Source Test Results	7/11/2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-24	Source testing for NOx, CO and VOC required within 60 days of CTG initialization & every 12 months; submit data to CPM and SJVAPCD within 60 days of testing	Compliance Source Test Results	7/11/2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-25	Source testing for PM10, natural gas sulfur content, and ammonia; see AQ-24	Compliance Source Test Results	7/11/2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-27	Source testing for turbine efficiency; submit data to CPM and SJVAPCD within 60 days of testing	Compliance Source Test Results	7/11/2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-28	Testing must be witnessed by district and must use certified lab	Compliance Source Test Results	7/11/2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-29	Use EPA testing methods for PM10, NOx, CO, O2, VOC; BAAQMD for ammonia, ASTM for fuel gas; provide compliance records per AQ-28	Compliance Source Test Results	7/11/2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-30	Conduct turbine efficiency testing using District Rule 4703 standard; provide compliance records per AQ-28	Compliance Source Test Results	7/11/2018	Paper	SJVAPCD & J. Douglas, CEC
AQ-13	Turbine operation limited to 8,000 hours/year; provide compliance records in quarterly reports	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-16	Fire CTG with only natural gas, sulfur content < 0.25 gr./dscf; provide compliance records in quarterly reports	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-17	Start-up and shutdown limits: NO2-15.4 lb, CO-15.4 lb, VOC 1.4 lb/hr; provide compliance records in quarterly reports	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-18	Startup and shutdown limited to one hour and 300 times/year; provide compliance records in quarterly reports	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-19	Limit emission rates to: NO2-6.21 lb/hr & 3.6ppmvd @ 15% O2, VOC-1.17 lb/hr 2.0 ppmvd @ 15% O2 CO 6.25 lb/day & 6.0 ppmvd @ 15 % O2, PM10 3.3 lb/hr, Sox 0.33 lb/hr, 3 hour rolling average	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-20	Max Rates NOx 150.5 lbs./day, VOC 28.1 lb/day, CO 151.5 lb/day, PM10 79.2 lbs./day, SOx 7.9. Lbs./day	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-21	Annual Emissions NOx 49,510 lb/year, VOC 2844 lb/yr., CO 21,830 lb/yr., PM10 26,400 lb/yr., SOx 2640 lb/yr.	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-22	Ammonia emissions limited to 10 ppmvd @ 15% O2 24 hr rolling average	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-31	Maintain operating records for each CTG; submit to CPM	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-32	Maintain records of operation hours, fuel consumption, CEM measurements, ammonia slip, NOx rates; submit to CPM	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-33	Reduce results of CEM monitoring reduction by 40 CFR Part 51, App P; submit to CPM	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-34	Perform quarterly audits of CEMs per EPA; notify district before completion; submit reports with quarterly reports to district	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-35	Comply with QA testing and maintenance of CEMs	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC

AltaGas Henrietta Peaker Project
CEC Compliance Tracking Report 2017

COC No.	Description	Schedule	Submittal Date	Format	Recipent
AQ-36	Notify district of breakdown condition within one hour; submit written notifications with quarterly report to CPM and APCO	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-37	Notify in writing within 10 days of breakdowns and corrective action; submit with quarterly report to CPM and APCO	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-38	Submit quarterly excess emissions report to APCO	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
AQ-55	Emergency generator should only be operated for maintenance, testing, required regulatory purposes and during emergencies for < 200 hour/yr; provide compliance records to CPM in quarterly reports	Quarterly compliance report	4/18/18, 7/10/18, 10/24/18, 1/28/19	paper/CD	SJVAPCD & J. Douglas, CEC
Bio-2	Designated Biologist will retain documentation of specified tasks and submit summaries to CPM in ACR	ACR	11/15/2018	Report	J. Douglas, CEC - ACR
Haz-3	Obtain CPM approval to store more than prescribed volumes of Title 19 Acutely Hazardous materials; provide list to CPM of Title 19 materials and maximum amounts held on-site and include in annual report; copies of list to Kings Cty. Env. Health Dept. and Fire Dept.	ACR	4/25/2019	Paper	Kings County Env. Health Services, L. Shaw, CEC
Waste-2	Develop the planned management methods employed for each hazardous and non-hazardous waste stream likely to be generated at the facility.	ACR	4/25/2019	Report	J. Douglas, CEC - ACR
Noise-2	Document and resolve noise complaints; file Noise Complaint Resolution Form or similar instrument with CPM and local jurisdiction; refile forms for complaints not resolved within 3 days	Within 5 days of complaint receipt	4/25/2019	Report	J. Douglas, CEC - ACR
Vis-2	Develop plan to paint structures and minimize visual impact of fences and walls; submit to County Planning Dept. for review, then, 30 days before construction, to CPM for review/approval; provide maintenance status report as part of ACR	ACR	4/25/2019	Report	J. Douglas, CEC - ACR
Vis-5	Develop landscaping plan per Vis-5 requirements; submit to County Planning Dept. for review, then, 60 days before startup, to CPM for review/approval; provide maintenance status report as part of ACR	ACR	4/25/2019	Report	J. Douglas, CEC - ACR
WQ -4	Maintain records of off-site disposal, including chain of custody, and submit with ACRs; submit copies of wastewater disposal contract and contractor certification and permits to CPM before startup.	ACR	4/25/2019	Report	J. Douglas, CEC - ACR
WQ -5	Implement a biannual stormwater monitoring program on water discharged to stormwater pond per requirements of WQ-5; submit to CPM for approval 60 days before site mobilization; include results/lab reports in ACR	ACR	4/25/2019	Report	J. Douglas, CEC - ACR
WR-1	Install water meters and record usage monthly (range, avg. gals/day, totals monthly and yearly in acre-feet); submit water use summary to CPM in ACR	ACR	4/25/2019	Report	J. Douglas, CEC - ACR
WR-2	Use CVP and SWP water allocated to 7 acres of parcel; submit water use summary to CPM in ACR (source/quantity per month, allocation, % entitlements from SWP/CVP, future use)	ACR	4/25/2019	Report	J. Douglas, CEC - ACR
TLSN-2	Verify PG&E's plan for identifying and correcting radio and TV interference; PG&E should maintain records for five years and summarize all compliants for submittal to CPM with ACR	ACR	4/25/2019	Report	J. Douglas, CEC - ACR

B

Operating Status
ACR-2

CEC-1304 Schedule 1 Part A **Power Plant Identification**

		Reporting Period	**Year:** 2018
			Quarter: 4
Line No.			
1	**Plant Name**	Henrietta Peaker Plant	
2	**CEC Plant ID**	G0867	
3	**EIA Plant ID**	55807	
4	**Qualifying Facility ID** (if applicable)		
5	**Plant Location**		
a	Street Address	16027 25th Avenue	
b	City	Lemoore	
c	County	Kings	
d	State	CA	
e	Zip Code	93245	
f	Latitude (optional)		
g	Longitude (optional)		
h	Operating Mode (specify) (1)		
j	Interconnection Agreement Type (2)		
6	**Plant Owner**		
a	Full Legal Name	MRP San Joaquin Energy, LLC (see note 3 below)	
b	PO Box		
c	Street Address	14950 W. Schulte Rd	
d	City	Tracy	
e	State	CA	
f	Zip Code	95377	
7	**Plant Operator**		
a	Full Legal Name		
b	PO Box		
c	Street Address		
d	City		
e	State		
f	Zip Code		
8	**Nameplate Capacity (MW)**	98.00	
9	**Number of Generators**	2	
10	**NAICS Code of Thermal Host if Cogeneration**		
11	**NAICS Code of Direct Onsite User of Electricity**	221112 Electric Power Generator, Natural Gas	
12	**Date of Sale (during Reporting Period)**		
13	**Purchaser of Plant (during Reporting Period)**		
a	Full Legal Name		
b	PO Box		
c	Street Address		
d	City		
e	State		
f	Zip Code		
g	Contact Person		
h	Telephone Number		
Notes	(1) Operating Mode: For example, independent power producer, cogeneration, dispatched as part of a demand side management program, parallel operation with utility deliveries in order achieve premium power reliability, customer-dispatched to reduce delivered energy charges, peak shaving, emergency/backup/interruptible, load-following; control and stabilization; synchronous condenser; spinning reserve, etc. Please specify.	(3) Plant Owner's name changed to "MRP San Joaquin Energy, LLC", effective 11/12/2018.	
	(2) Interconnection Agreement Type. For example, interconnection agreements required by interconnection standards adopted in California Public Utilities Commission D.00-12-037 and in modifications to that decision, net energy metering agreement.		

CEC-1304 Schedule 1 Part B

Generator Information

Reporting Period Year: 2018
Quarter: 4
CEC Plant ID: G0867
EIA Plant ID: 55807

Plant Name
Henrietta Peaker Plant

Line No.		
1	**Generator (Unit) ID**	HPP 1
2	**Generator Nameplate Capacity (MW)**	49.00
3	**Date of Initial Operation**	July 1, 2002
4	**Operating Status**	Operating
5	**Date of Retirement (if retired during reporting period)**	n/a
6	**Prime Mover Type**	Gas Turbine
7	**Primary Fuel**	NG
	Primary Fuel Physical Units (MCF,bbl., ton or other)	MCF
8	**Secondary Fuel**	
	Secondary Fuel Physical Units (MCF,bbl., ton or other)	N/A
9	**Number of Wind Turbines**	NONE
10	**Part of Combined-cycle Unit?** (Yes/No)	NO
Notes		

CEC-1304 Schedule 1 Part B

Generator Information

Reporting Period	
Year:	2018
Quarter:	4
CEC Plant ID:	G0867
EIA Plant ID:	55807

Plant Name
Henrietta Peaker Plant

Line No.		
1	**Generator (Unit) ID**	HPP 2
2	**Generator Nameplate Capacity (MW)**	49.00
3	**Date of Initial Operation**	July 1, 2002
4	**Operating Status**	Operating
5	**Date of Retirement (if retired during reporting period)**	n/a
6	**Prime Mover Type**	Gas Turbine
7	**Primary Fuel**	NG
	Primary Fuel Physical Units (MCF,bbl., ton or other)	NCF
8	**Secondary Fuel**	N/A
	Secondary Fuel Physical Units (MCF,bbl., ton or other)	N/A
9	**Number of Wind Turbines**	NONE
10	**Part of Combined-cycle Unit?** (Yes/No)	NO
Notes		

CEC-1304 Schedule 2 Part A — Generation and Fuel Use by Generator

Reporting Period — **Year:** 2018 — **Quarter:** 4

One Schedule 2-A for each generator (unit) in plant.

Henrietta Peaker Plant

CEC Plant ID: G0867
EIA Plant ID: 55807
Generator (Unit) ID: HPP1
Qualifing Facility ID:

			Primary Energy Source : NG				Secondary Energy Source: NONE			
Month	Gross MWh	Net MWh	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)
January	1,266	1,242	13,358	13,705	96%	$1,530				
February	1,202	1,178	12,846	13,180	96%	$1,202				
March	1,304	1,279	14,308	14,566	97%	$1,344				
April	2,898	2,838	31,792	32,937	96%	$4,005				
May	1,779	1,705	19,374	19,800	93%	$4,455				
June	1,478	1,410	15,387	15,695	72%	$14,548				
July	1,647	1,570	17,137	17,737	96%	9,556				
August	802	764	8,964	9,260	93%	4,486				
September	1,403	1,346	13,770	14,156	73%	16,645				
October	2,879	2,760	29,181	29,940	99%	649				
November	403	385	4,415	4,521	53%	24,850				
December	196	185	2,366	2,418	64%	6,420				
Annual Total (2)	17,257	16,662	182,898	187,915						

Notes:

(1) Fuel Cost and Fuel Supplied by Tolling Agreement is required for plants of 50 MW or more. Fuel Cost is for any portion of fuel not supplied through a tolling agreement. Fuel Cost will be kept confidential.

(2) For plants with plant nameplate capacity of less than 10 MW, monthly data are not required.

(1 MMBtu = 10 therms)

CEC-1304 Schedule 2 Part A — Generation and Fuel Use by Generator

Reporting Period — **Year:** 2018 — **Quarter:** 4

One Schedule 2-A for each generator (unit) in plant.

Henrietta Peaker Plant

CEC Plant ID: G0867
EIA Plant ID: 55807
Generator (Unit) ID: HPP 2
Qualifing Facility ID:

			Primary Energy Source : NG				Secondary Energy Source: NONE			
Month	Gross MWh	Net MWh	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Supplied by Tolling Agreement (Percent) (1)	Fuel Cost (1)
January	1,009	972	10,452	10,724	96%	$1,197				
February	1,123	1,079	11,763	12,069	96%	$1,100				
March	1,111	1,067	11,946	12,161	97%	$1,122				
April	2,639	2,521	28,193	29,208	96%	3,551				
May	1,799	1,744	19,844	20,281	93%	4,564				
June	1,301	1,271	13,867	14,144	72%	13,110				
July	1,423	1,385	15,197	15,729	96%	8,474				
August	648	632	7,424	7,669	93%	3,715				
September	1,600	1,565	16,035	16,484	73%	19,384				
October	3,422	3,348	35,379	36,299	99%	787				
November	503	489	5,597	5,731	53%	31,499				
December	174	168	2,149	2,196	64%	5,832				
Annual Total (2)	16,752	16,241	177,846	182,695						

Notes:

(1) Fuel Cost and Fuel Supplied by Tolling Agreement is required for plants of 50 MW or more. Fuel Cost is for any portion of fuel not supplied through a tolling agreement. Fuel Cost will be kept confidential.

(2) For plants with plant nameplate capacity of less than 10 MW, monthly data are not required.

(1 MMBtu = 10 therms)

CEC-1304 Schedule 2 Part B **Sales by Power Plant**

One Schedule 2-B for each power plant.

Reporting Period **Year:** 2018
Quarter: 4

Henrietta Peaker Plant

CEC Plant ID: G0867
EIA Plant ID: 55807

Month	Onsite Use (self-gen) MWh	Sales for Resale MWh	Sales to End-User 1 MWh	End User 1 NAICS Code	Sales to End-User 2 MWh	
January	61	2,214				
February	68	2,257				
March	69	2,346				
April	178	5,359				
May	129	3,449				
June	98	2,681				
July	115	2,955				
August	54	1,396				
September	92	2,911				
October	193	6,108				
November	32	874				
December	17	353				
Annual Total (1)	1,106	32,903				

Note: Net plant output = onsite use + sales for resale + sales to end-users.

(1) For plants with plant nameplate capacity of less than 10 MW, monthly data are not required.
Net plant output = gross megawatts

CEC-1304 Schedule 3 Part A (page 1)
Annual Water Supply and Use, and Wastewater Discharge Report

Year	2018
CEC Plant ID	G0867
EIA Plant ID	55807

Section 1. Power Plant Water Supply

1a	Primary Water Supply Source	GW	1e	Backup Water Supply Source	
1b	Name of Primary Water Purveyor, Wastewater Supplier, or Well ID(s)	WESTLANDS WATER DISTRICT	1f	Name of Backup Water Purveyor, Wastewater Supplier, or Well ID(s)	
1c	Primary Water Supply Average Total Dissolved Solids (mg/l)		1g	Backup Water Supply Average Total Dissolved Solids (mg/l)	
1d	Regional Water Quality Control Board	5F			

Section 2. Power Plant Water Use

2a ☐ *Check this box if water use at the power plant is not metered and cannot reasonably estimated.*

2b

Volume of Water Required (in gallons)	Sanitation ☑	Landscaping ☑	Solar Mirror Washing ☑	Dust Suppression ☑	Other Water Use ☐	Daily Maximum ☑	
	Check the boxes below if the categorized water use is not metered and cannot reasonably be estimated or is not applicable.						
January					178,893		
Febraury					118,610		
March					189,646		
April					378,315		
May					258,727		
June					203,006		
July					217,344		
August					103,295		
September					235,592		
October					401,451		
November					324,224		
December					28,023		

2c	Metering Frequency	Other: monthly	Metering Technology	propoller type

Section 3. Power Plant Wastewater Disposal

3a ☐ *Check box if wastewater is not metered and cannot reasonably estimated.*

3b	Wastewater Disposal Method	T-O
3c	Average Total Dissolved Solids (mg/l)	N/A
3d	Equipment Manufacturer	None
3e	Year of Installation	N/A
3f	Waste Reduction Equipment or Measures Taken	None
3g	Name of the Facility or Water Body Receiving the Wastewater	VARIOUS FOR OFFSITE TREATMENT
3h	Notes:	

3i

Volume of Discharged Waste (in gallons)	Daily Maximum	Monthly Total
January	0	0
Febraury	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
October	0	0
November	3700	3700
December	0	0

CEC-1304 Schedule 3 Part A (page 2)
Annual Water Supply and Use, and Wastewater Discharge Report

Year	2018
CEC Plant ID	G0867
EIA Plant ID	55807
Generator (Unit) ID	HPP1

Section 4. Generator Water Use

4a	Cooling Technology	IAC-F,I-WS
4b	If "other" cooling technology, please describe	

4c ☐ *Check this box if the generator is air-cooled. If this generator does use water for cooling, please proceed to 4d. If this generator does not use any water for cooling, the for this generator this form is complete.*

4d ☐ *Check this box if water use by this generator is not metered and cannot reasonably estimated. If this box is checked, then for this generator, this form is complete.*

4e

Volume of Water Required (in Gallons)	*Check the boxes below if the categorized water use is not metered and cannot reasonably be estimated or is not applicable.*						
	☐ Inlet-Air Cooling	☐ Intercooling	☑ Steam-Cycle Cooling	☑ Generator Bearings	☑ Other Cooling	☐ Daily Maximum	Other: ☐
January	4,575	14,488				14,758	61,116
Febraury	13,458	6,529				14,584	57,510
March	13,844	7,012				9,278	143,203
April	49,324	10,960				17,087	94,940
May	37,141	9,813				7,988	58,514
June	36,192	17,280				30,846	49,003
July	46,867	8,975				15,787	54,279
August	24,251	3,194				6,155	26,388
September	25,157	24,473				19,584	47,033
October	41,786	36,170				18,473	95,696
November	658	5,454				4,577	13,277
December	341	98				2,557	6,332

4f	Metering Frequency	I-WS: Continous, Other: monthly	Metering Technology	I-WS: vortex shedder, Other: propeller type

Notes: IAC-F is estimated, daily maximum is estimated

CEC-1304 Schedule 3 Part A (page 2)
Annual Water Supply and Use, and Wastewater Discharge Report

Year	2018
CEC Plant ID	G0867
EIA Plant ID	55807
Generator (Unit) ID	HPP2

Section 4. Generator Water Use

4a	**Cooling Technology**	IAC-F,I-WS
4b	**If "other" cooling technology, please describe**	

4c ☐ *Check this box if the generator is air-cooled. If this generator does use water for cooling, please proceed to 4d. If this generator does not use any water for cooling, the for this generator this form is complete.*

4d ☐ *Check this box if water use by this generator is not metered and cannot reasonably estimated. If this box is checked, then for this generator, this form is complete.*

4e

Volume of Water Required (in Gallons)	*Check the boxes below if the categorized water use is not metered and cannot reasonably be estimated or is not applicable.*						
	Inlet-Air Cooling ☐	**Intercooling** ☐	**Steam-Cycle Cooling** ☑	**Generator Bearings** ☑	**Other Cooling** ☑	**Daily Maximum** ☐	**Other:** ☐
January	1,913	11,749				9,642	41,672
Febraury	10,053	9,824				14,328	52,998
March	10,167	10,216				11,690	52,001
April	52,966	19,099				14,829	121,800
May	42,646	15,595				17,413	80,438
June	33,380	17,433				30,863	58,159
July	42,236	9,550				14,127	59,779
August	20,061	1,847				13,361	26,932
September	28,953	32,638				50,204	72,790
October	39,395	57,739				80,349	155,718
November	1,125	5,364				9,323	17,040
December	333	308				3,395	6,759

4f	**Metering Frequency**	I-WS: Continous, Other: monthly	**Metering Technology**	I-WS: vortex shedder, Other: propeller type

Notes: IAC-F is estimated, daily maximum is estimated

CEC-1304 Schedule 3 Part B
Annual Biological Resource Report of "Takes" and Biomass Killed by Impingement

Reporting Period

Year	2018
CEC Plant ID	G0867
EIA Plant ID	55807

One Schedule 3B for each power plant.

Check here if there have been no "takes" or biomass killed by impingement ☑

Owners of power plants with a generating capacity of 1-MW or more shall submit copies of reports or filings required by regulations, permits, or contract conditions that identify any of the following information for the previous calendar year:

1. Documentation of the "take" of terrestrial, avian and aquatic wildlife subject to legal protection under California Fish & G. Code § 2050 et seq., 16 U.S.C.A. § 1371 et seq., 16 U.S.C.A. § 1531 et seq., and 16 U.S.C. A. § 668 et seq. that occurred as a result of operation of the power plant.

2. Documentation and identification of the biomass (by weight) and species composition of fishes and marine mammals killed by impingement on the intake screens of each once-through cooling system.

Notes:

CEC-1304 Schedule 3 Part C
Annual Public Health and Environmental Quality Violations Report

Reporting Period

Year	2018
CEC Plant ID	G0867
EIA Plant ID	55807

One Schedule 3C for each power plant.

Check here if there have been no public health or environmental quality violations. ☑

Owners of power plants with a generating capacity of 1-MW or more shall submit copies of any written notification provided by any state or federal regulatory agency for the following:

1. A violation of an applicable statute, regulation, or permit condition related to public health or environmental quality during the previous calendar year, or for which there is an ongoing investigation regarding a potential violation.

Notes:

C

Non-Compliance Summary
ACR-3

No Notices of Violation were received by the AltaGas Henrietta Peaker Plant during 2018

D

Designated Biologist Duties
Bio-2

505 Sansome Street
Suite 1600
San Francisco, CA 94111

415.434.2600 PHONE
415.434.2321 FAX

www.trcsolutions.com

November 27, 2018 *Submitted electronically*

Neftali Nevarez
MRP San Joaquin Energy LLC.
14950 W. Schulte Road
Tracy, CA 95377

Subject: Henrietta Energy Park Peaker Plant Condition Bio-2, 2018 Annual Biological Report, PO # HEN-18-10742

Dear Neftali:

On November 15, 2018, I visited the Henrietta Energy Park Peaker Plant to conduct the annual biological resources inspection as required by Condition Number Bio-2 of the Final Commission Decision for for 01-AFC-18. In addition to my visual inspection of the plant, I interviewed you regarding on-site activities over the last year. Below is a summary of my findings.

Activities/Tasks Accomplished

Typical operational and maintenance activities took place within the plant. No construction or demolition has occurred since the last inspection. The Stormwater pond was recently tilled as part of routine maintenance. Perimeter landscaping has been maintained. The plant does not currently conduct pest control or trapping but may initiate pest control activities if needed.

Pre-Activity Surveys

Due to the lack of construction activities performed by MRP San Joaquin Energy LLC (SJE), no biological surveys were warranted.

Mitigation/Minimization Measures Implemented

Construction-related minimization measures for the protection of special-status species were not required. As part of plant operations, all workers employed general housekeeping measures and were observant of any wildlife within the plant.

Worker Training

SJE provided a refresher course of the Worker Environmental Awareness Training to the work force in September 2018. In addition, all visitors to the plant view a safety video which includes a brief discussion of sensitive wildlife species and instructs visitors to alert plant staff of any sensitive wildlife sightings.

Sensitive Wildlife Observed within the Plant

Ground cover at the site is predominantly gravel. The Stormwater pond has a dirt substrate, which had been recently tilled at the time of inspection. Plant workers have observed that the brace under a staircase outside one of the cooling towers is regularly used as a perch by a barn owl (*Tyto alba*). I observed several dozen pellets of various ages consistent with barn owl at the base of the tower. Otherwise, wildlife observations were limited to common bird species such as black phoebe (*Sayornis nigricans*) and rock dove (*Columba livia*). A few small burrows were present in soft soils on the east side of the SPCC pond.

Agency Visits

There were no visits from the agencies.

Incidents and Reported Takes/Harassments of Sensitive Wildlife

There were no incidents or takes associated with sensitive wildlife species.

Please feel free to contact me if you have any questions or require additional information.

Sincerely,

Molly Sandomire

CEC-Designated Biologist

E

Hazardous Materials Inventory
Haz-3

Chemical Identification						
205	206	207*	208	215	217	218*
ChemicalName	TradeSecret	CommonName	EHS	LargestContainer	AverageDailyAmount	MaximumDailyAmount
	N	Waste Used Oil	N	55	55	110
	N	Waste Oily Debris	N	75	75	150
	N	Generator Lube Oil,	N	500	1040	1040
Sulfur Hexafluoride		Sulfur Hexafluoride	N	116	212	212
	N	TURBINE LUBE OIL, r	N	150	355	410
	N	CEMS Calibration Ga	N	144	1641	2736
	N	CEMS Calibration Ga	N	144	3283	5472
Distillates (petroleun	N	Diala (R) Oil AX	N	5115	10230	10230
Ammonium Hydroxic	N	Ammonium Hydroxi	N	67000	30000	57000
	N	Compressor Oil	N	55	110	220
		Zok MX Gas Turbine	N	6	18	36
		Hydraulic Oil, DTE25	N	40	90	105
Nitrogen		Nitrogen	N	230	575	1150
Diesel Fuel No. 2	N	Diesel Fuel No. 2	N	300	200	300
Carbon Dioxide, Liqu	N	Carbon Dioxide, Liqu	N	100	4800	4800
Acetylene	N	Acetylene	N	125	125	250
Oxygen	N	Oxygen	N	230	230	460

F

Noise Complaint Resolution
Noise-2

MRP San Joaquin Energy LLC.

Memo

To: Neftali Nevarez, Compliance Manager

From: Rick Vogler, Operations Supervisor

CC:

Date: March 25, 2019

Re: Henrietta Peaker Plant – 01-AFC-18 – Noise Complaint Resolution

---

- In accordance with Noise-2 of the Conditions of Certification that requires that all noise complaints related to the operations of the Henrietta Peaker Plant be reported and resolved, it shall be hereby reported that MRP San Joaquin Energy LLC did not receive any complaints of noise during the 2018 reporting year.

G

Painting Maintenance Status
Vis-2

MRP San Joaquin Energy LLC.

Memo

To: Neftali Nevarez, Compliance Manager

From: Rick Vogler, Operations Supervisor

CC:

Date: March 25, 2019

Re: Henrietta Peaker Plant – 01-AFC-18 – Painting Maintenance Status

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- In accordance with Visual-2 of the Conditions of Certification MRPSJE must periodically inspect the plant and maintain painted surfaces as required. The plant has been inspected and it was reported that no major painted surfaces are in need of maintenance. Touchup painting occurred throughout the facility during the 2018 reporting year.

H

Landscaping Maintenance Status
Vis-5

MRP San Joaquin Energy LLC.

Memo

To: Neftali Nevarez, Compliance Manager

From: Rick Vogler, Operations Supervisor

CC:

Date: March 25, 2019

Re: Henrietta Peaker Plant – 01-AFC-18 – Landscaping Maintenance Status

---

In accordance with Visual-5 of the Conditions of Certification that requires that the landscaping at the plant must be periodically inspected and maintained. During the 2018 reporting year the following maintenance occurred:

- A licensed landscape company applied pre-emergent to entire property within the fenced area of the facility and in the landscaped area maintained by ASJE.

I

Waste Disposal Records
WQ/Soil-4

Uniform Hazardous Waste Manifest
Site 22 / 2012 / 2013 / 2014 / 2015 / 2016 / 2017/2018 Log

Date	Doc #	Manifest	Weight		Material	Qty.	Waste Code	Designated Facility	To DTSC
7/23/2018		012284992FLE	240	P	Non-RCRA Haz Waste Solids	240	352	Yuma, YES LLC Yuma AZ	7/24/2018
7/23/2018		012284993FLE	400	P	Non-RCRA Haz Waste Liquid (oil)	400	221	ACT, Albuquerque, NM	7/23/2018
10/9/2018		012283510FLE	40	Y	Non RCRA Haz Waste Solids (soil)	40	611	Beatty Nv.	10/10/2018
11/12/2018	D219916			G		3720		ACT Merced	N/A
12/12/2018		12283855	381	P	Non RCRA Haz Waste Solids (soil)	381	352	Yuma, YES LLC Yuma AZ	12/15/2018
12/12/2018		12283853	270	P	Non-RCRA Haz Waste Liquid (oil)	270	221	ACT, Albuquerque, NM	12/15/2018

J

Waste Management Plan
Operations and Maintenance Phase

WASTE-2

TABLE II: HPP - Planned Waste Management Methods

GWF Energy LLC - HPP
16027 25th Ave.
Lemoore, CA 93245
EPA ID#: CAL000251748

Waste Stream	Waste Description and/or Proper DOT Shipping Name	DOT Hazard Class	Waste Characteristics	Physical State	CERCLA / EPCRA Reportable Quantity (pounds)	Recommended Laboratory Testing Methods	Waste Segregation & Storage	Transporter / TSDF	Disposal /Treatment Method(s)
Waste Catalyst	Selective Catalytic Reduction (SCR) and CO catalysts (contains heavy metals)	To Be Determined	Toxicity (if finely devided toxic metals are present)	Solid device/article	No RQ	Metals	None	Use Vendor for material return; Waste service to be determined	Recycle as a Material for Metal Salvage; waste method to be determined
Lubricating Oil (Lube Oil System)	Excludable recyclable material; waste oil	None	Toxicity	Liquid	No RQ; Petroleum Exclusion	Metals, Halogenated Solvents, Generator Knowledge, MSDS	Segregate from oxidizers and corrosives	Clearwater/Alviso or Asbury/Evergreen	Recycled
Used Oil	Excludable recyclable material; waste oil	None	Toxicity	Liquid	No RQ; Petroleum Exclusion	Metals, Halogenated Solvents, Generator Knowledge, MSDS	Segregate from oxidizers and corrosives	Clearwater/Alviso or Asbury/Evergreen	Recycled
Paint & Paint-related Materials	Waste paint-related material, 3, UN1263, PG II (D001)	Flammable Liquid 3	Ignitability, Toxicity	Liquid	100 pounds "Characteristic of Ignitability"	Generator Knowledge; MSDS	Segregate from oxidizers and corrosives; ignition sources; store 50 feet inside facility property line	GEM/Systech	Fuel Blending
Lead Acid Batteries	Waste batteries, wet, filled with acid, 8, III, UN3028	Corrosive 8	Corrosivity, Toxicity	Liquid	1,000 pounds for Sulfuric acid	Generator Knowledge; MSDS	Segregate from strong oxidizers, bases, bleach	Return Policy with Vendor to Recycle; Waste = Kinsbursky Brothers	Recycled
Spent Natural Gas Filters	non-RCRA hazardous waste, solid (oily debris)	None	Toxicity (if oil is present)	Solid	No RQ	Visual Inspection for oil contamination; Generator Knowledge	None	Clearwater/CFR	Disposed with common trash or disposed with "oily debris" waste stream if visible oil on filter
Consumer-type Batteries	Universal Waste; Waste batteries, dry, containing potassium hydroxide, solid (contains manganese dioxide)	Corrosive 8	Corrosivity, Toxicity	Solid	1,000 pounds for Potassium hydroxide	Generator Knowledge; MSDS	None	FedEx/AERC or GEM/AERC	Recycled
Fluorescent Lamps	Universal Waste; Used lamps	None	Toxicity	Solid	1 pound for Mercury	Generator Knowledge	None	FedEx/AERC or GEM/AERC	Recycled
Oil Separator Oily Wastewater	Non-RCRA hazardous waste, liquid (oil, water)	None	Toxicity	Liquid	No RQ	TTLC, pH, Bioassay, Oil & Grease	None	Clearwater/Alviso or GEM/Rennis	Recycled
Drained, Used Oil Filters	Used oil filters, "excludable recyclable materials"	None	Toxicity (oil)	Solid	No RQ	Generator Knowledge	None	Clearwater/CFR or GEM /Filter Recycling	Recycled

Waste Stream	Waste Description and/or Proper DOT Shipping Name	DOT Hazard Class	Waste Characteristics	Physical State	CERCLA / EPCRA Reportable Quantity (pounds)	Recommended Laboratory Testing Methods	Waste Segregation & Storage	Transporter / TSDF	Disposal / Treatment Method(s)
Non-empty Single Use Aerosol Cans	Universal Waste (compressed flammable gas); UN1950, Aerosols, flammable, (each not exceeding 1 L capacity), 2.1 (Universal Waste) DOT-Sp 12842	Flammable Gas 2.1	Ignitability, Toxicity	Solid; aerosol cans contain propellant and liquid	No RQ	Generator Knowledge, MSDS	Store away from ignition sources; store 50 feet inside facility property line	GEM/Rineco (Benton, AR)	Incinerate
Ammonium Hydroxide, 29.4%	RQ, UN2672, Waste Ammonium hydroxide, 8, III (D002)	Corrosive 8	Corrosivity, Toxicity	Liquid	1,000 pounds	Generator Knowledge; MSDS	Segregate from acids, strong caustics, chlorine releasers (e.g, bleach), oxidizers	Recover off-spec material for return to vendor / Waste = GEM/PhibroTech	Material = Recycle; Waste = Neutralization
Oily Debris	Non-RCRA hazardous waste, solid (oily debris)	None	Toxicity	Solid	None	Generator Knowledge; MSDS	None	GEM/US Ecology (Beatty, NV)	Landfill
Isopropyl Alcohol, 80-99%	RQ, UN1219, Waste Isopropanol, 3, II, (D001)	Flammable Liquid 3	Ignitability, Toxicity	Liquid	100 pounds "Characteristic of Ignitability"	Generator Knowledge; MSDS	Segregate from oxidizers and corrosives; ignition sources; store 50 feet inside facility property line	GEM/Systech	Fuel Blending
Conntect 6000 Detergent	Non-RCRA hazardous waste, liquid (detergent)	None	Toxicity	Liquid	No RQ	Generator Knowledge, MSDS	None	GEM/US Ecology (Beatty, NV)	Solidification / Landfill
Diesel Fuel #2	RQ, Waste Flammable liquids, n.o.s., 3, UN1993, III (Diesel Fuel (D001))	Flammable Liquid 3	Ignitability	Liquid	No RQ; Petroleum Exclusion	Generator Knowledge, MSDS	Segregate from strong oxidizers and strong acids	GEM/Systech	Fuel Blending
Halogen-contaminated Waste Oil	NA3082, Hazardous Waste Liquid, n.o.s. 9, III (F002)	DOT Class 9	Toxicity	Liquid	1,000 pounds (1,1,1-Tricloroethane)	Halogenated solvent, Metals	Segregate from oxidizers and corrosives	GEM/Systech	Fuel Blending
Sodium Hypochlorite, 12.5%	RQ, UN1791, Waste Hypochlorite solution, 8, III (D002)	Corrosive 8	Corrosivity	Liquid	100 pounds	Generator Knowledge; MSDS	Segregate from strong acids, organic material, ammonia, alcohols, metals	GEM/PhibroTech	Neutralization
Spent Ammonia Scrubbing Pellets	UN3260, Corrosive solid, acidic, inorganic, n.o.s., 8, II (Phosphoric acid). Stack gas treatment pellets for CEMS ammonia analyzer	Corrosive 8	Corrosivity	Solid	No RQ	pH, Generator Knowledge, MSDS	Segregate from organic solvents, caustics, glycols, combustible materials, and oxidizers	GEM/US Ecology (Beatty, NV)	Landfill
Turbine Wash Wastewater	Non-Hazardous wastewater	None	None	Liquid	No RQ	Metals, pH, Oil & Grease, Bioassay; Generator Knowledge	None	Clearwater/Alviso	Biodegradation
Non-Hazardous Wastewater	Non-Hazardous wastewater from non-potable or process water sources including collected rainfall	None	None	Liquid	No RQ	Metals, pH, Oil & Grease, Bioassay; Generator Knowledge	None	Clearwater/Altamont or Clearwater/Alviso	Altamont Landfill -Alternative Daily Cover/ Alviso = Biodegradation

K

Storm Water Monitoring Records

WQ/Soil 4

January 19, 2018

AltaGas San Joaquin Energy Inc.
10596 Idaho Avenue
Hanford, CA 93230

Lab ID : VI 1840070
Customer : 4-14718

Laboratory Report

Introduction: This report package contains total of 4 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(1 page)	: Results for each sample submitted.
Quality Control	(1 page)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
HenriettaPeakerPlantStormwater	01/08/2018	01/08/2018	VI 1840070-001	STM

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding except those as listed in the table below.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
VI 1840070-001	pH	15	2890.8 Minutes

All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	01/10/2018:200459 All analysis quality controls are within established criteria
3010	01/10/2018:200338 All preparation quality controls are within established criteria

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
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FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

January 19, 2018 Lab ID : VI 1840070
AltaGas San Joaquin Energy Inc. Customer : 4-14718

Inorganic - Wet Chemistry QC

1664A	01/18/2018:200667 All preparation quality controls are within established criteria
2510B	01/10/2018:200410 All analysis quality controls are within established criteria
	01/10/2018:200343 All preparation quality controls are within established criteria
2540D	01/12/2018:200449 All preparation quality controls are within established criteria
4500-H B	01/10/2018:200355 All preparation quality controls are within established criteria
4500HB	01/10/2018:200435 All analysis quality controls are within established criteria

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-01-22

January 19, 2018

Lab ID : VI 1840070-001
Customer ID : 4-14718

AltaGas San Joaquin Energy Inc.
10596 Idaho Avenue
Hanford, CA 93230

Sampled On : January 8, 2018-12:20
Sampled By : Ron Mann
Received On : January 8, 2018-13:45
Matrix : Stormwater

Description : HenriettaPeakerPlantStormwater
Project : Henrietta Peaker Plant Storm-1

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Metals, Total												
Iron	2.09	0.05	0.00097	mg/L	1		3010	200338	01/10/18 03:00	200.7	200459-IT203	01/10/18-14:22AC
Wet Chemistry												
Specific Conductance	72.1	1	0.16	umhos/cm	1		2510B	200343	01/10/18 08:46	2510B	200410-EC205	01/10/18-11:47JMG
Oil and Grease	ND	3	1.5	mg/L	1.1111	U	1664A	200667	01/18/18 11:06	1664A	200827-WT215	01/18/18-16:13AMM
pH	7.59	--	0.0	units	1	T	4500-H B	200355	01/10/18 12:31	4500HB	200435-PH203	01/10/18-12:47JMG
Solids, Total Suspended (TSS)	124	3.3	0.49	mg/L	3.3333		2540D	200449	01/12/18 12:30	2540D	200593-WT215	01/15/18-11:30jba

DQF Flags Definition:

U Constituent results were non-detect.

T Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit.

Corporate Offices & Laboratory
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TEL: (805)392-2000
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FAX: (530)343-3807
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San Luis Obispo, CA 93401
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Visalia, CA 93291
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FAX: (559)734-8435
CA ELAP Certification No. 2810

January 19, 2018 Lab ID : VI 1840070
AltaGas San Joaquin Energy Inc. Customer : 4-14718

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Iron	200.7	01/10/18:200459AC	CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.0035	0.03	
			CCV	ppm	5.000	102 %	90-110	
			CCB	ppm		0.0030	0.03	
	3010	01/10/18:200338amb	Blank	mg/L		ND	<0.05	
			LCS	mg/L	4.000	110 %	85-115	
			MS	mg/L	4.000	120 %	75-125	
		(STK1830354-002)	MSD	mg/L	4.000	116 %	75-125	
			MSRPD	mg/L	4.000	2.7%	≤20.0	
			PDS	mg/L	4.000	116 %	75-125	
Wet Chem								
Oil and Grease	1664A	01/18/18:200667AMM	Blank	mg/L		ND	<3	
			LCS	mg/L	44.89	99.6 %	78-114	
			BS	mg/L	44.89	105 %	78-114	
			BSD	mg/L	44.89	101 %	78-114	
			BSRPD	mg/L	44.89	4.4%	≤18	
Conductivity	2510B	01/10/18:200410JMG	ICB	umhos/cm		0.30	1	
			CCV	umhos/cm	998.0	104 %	95-105	
			CCV	umhos/cm	998.0	104 %	95-105	
E. C.	2510B	01/10/18:200343jmg	Blank	umhos/cm		ND	<1	
		(SP 1800303-001)	Dup	umhos/cm		0.0%	5	
Solids, Suspended	2540D	01/12/18:200449jba	Blank	mg/L		ND	<1	
			LCS	mg/L	50.14	84.8 %	61-112	
			LCS	mg/L	50.14	88.8 %	61-112	
		(CC 1880118-001)	Dup	mg/L		8.1%	20	
		(SP 1800260-003)	Dup	mg/L		15.6%	20	
pH	4500-H B	(STK1830295-001)	Dup	units		0.1%	4.80	
	4500HB	01/10/18:200435JMG	CCV	units	8.000	99.8 %	95-105	
			CCV	units	4.000	102 %	95-105	

Definition

PDS	: PDS failed, matrix - Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

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Laboratory Copy (1 of 3)

40625:09/04/2017

Client: **AltaGas San Joaquin Energy Inc.**
Address: 10596 Idaho Avenue
Hanford, CA 93230

Phone: Fax:
Contact Person: Rick Vogler
Project Name: **Henrietta Peaker Plant Storm-1**
Purchase Order Number:
Quote Number:

Sampler(s)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: VI 1840070 4-14718

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Metals, Total-Fe 250ml(P)-HNO3	Wet Chemistry-Conductivity,Oil&Grease-1664,pH,TSS 16oz(P), 32oz(AGJ)-H2SO4 , 32oz(P)	Sampling-Pickup
1	HenriettaPeakerPlantStormwater	1-8-18	1315	G	STM				1	1,1,1	X
		ATN 1-8-18	1220								

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Remarks: 17°C

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	1-8-18	1345		1-8-18	1730	GSO	1/9/18	1015
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
GSO	1-8-18	1345	GSO	1-8-18	1730		1/9/18	1015

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Subject: Re: Alta Gas
From: Josh Huston <joshh@fglinc.com>
Date: 01/09/2018 15:07
To: Inez Covarrubias <inezc@fglinc.com>

Ron Mann

----- Original Message -----
From: "Inez Covarrubias" <inezc@fglinc.com>
To: "Josh Huston" <joshh@fglinc.com>
Sent: Tuesday, January 9, 2018 11:59:28 AM
Subject: Re: Alta Gas

can make out sampler name on bottles?

On 01/08/2018 15:16, Josh Huston wrote:

> AltaGas brought the samples in to the lab, $0 pickup fee.
>
> ----- Original Message -----
> From: "Inez Covarrubias" <inezc@fglinc.com>
> To: "Josh Huston" <joshh@fglinc.com>, "Belen Castaneda" <belenc@fglinc.com>,
> "Jessica Ramierz" <jessicar@fglinc.com>
> Sent: Monday, January 8, 2018 3:11:33 PM
> Subject: Alta Gas
>
> Are we charging a pick up fee for all three COC or just one?
>
> 1840070
>
> 1840071
>
> 1840072

Inter-Laboratory Condition Upon Receipt (Attach to COC)

Sample Receipt at: STK CC CH VI

1. Number of ice chests/packages received: 1 Shipping tracking # OTC
2. Were samples received in a chilled condition? Temps: 12°C / / / /
   Surface water SWTR bact samples: A sample that has a temperature upon receipt of >10° C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.

3. Do the number of bottles received agree with the COC? (Yes) No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) (Yes) No
5. VOAs checked for Headspace? Yes No (N/A)
6. Were sample custody seals intact? Yes No (N/A)
7. If required, was sample split for pH analysis? Yes No (N/A)
8. Were all analyses within holding times at time of receipt? Yes (No)
9. Verify sample date, time and sampler name (Yes) No

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): M

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 4 / / / 3 / 5
   Acceptable is above freezing to 6 C. If many packages are received at one time check for tests/H.T.'s/rushes/
2. Shipping tracking numbers: 538018616 + 538018617
3. Do the number of bottles received agree with the COC? (Yes) No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) (Yes) No
5. Were sample custody seals intact? Yes No (N/A)

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes (No)
2. Did bottle labels correspond with the client's ID's? (Yes) No
3. Were all bottles requiring sample preservation properly preserved? (Yes) No N/A FGL
   [Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? Yes No (N/A)
5. Have rush or project due dates been checked and accepted? Yes No (N/A)
6. Were all analyses within holding times at time of receipt? (Yes) No

Attach labels to the containers and include a copy of the COC for lab delivery.
Sample Receipt, Login and Verification completed by (initials): CW

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: RICK VOGLER Phone Number: 928-260-4102
   Initiated By: JOSH HUSTON Date: 1-9-18
   Problem: PH OUT OF HOLD TIME
   Resolution: RUN IN LAB.

2. Person Contacted: Jeremy Dietrich
   Initiated By: Wes/Cuernavias
   Problem: EC + PH sampled in [illegible] bottle.
   Resolution:
   Jeremy spoke w/ Dave Terry we can run EC+PH out of TSS bottle.

(Please use the back of this sheet for additional comments/contacts)

(4-14718)
AltaGas San Joaquin Energy Inc.
VI 1840070
IV-01/08/2018-15:09:21

re

April 6, 2018

AltaGas San Joaquin Energy Inc.
10596 Idaho Avenue
Hanford, CA 93230

Lab ID : VI 1841100
Customer : 4-14718

Laboratory Report

Introduction: This report package contains total of 4 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(1 page)	: Results for each sample submitted.
Quality Control	(1 page)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
HenriettaPeakerPlantStormwater	03/13/2018	03/13/2018	VI 1841100-001	STM

Sampling and Receipt Information: The sample was received, prepared and analyzed within the method specified holding except those as listed in the table below.

Lab ID	Analyte/Method	Required Holding Time	Actual Holding Time
VI 1841100-001	pH	15	14455.8 Minutes

All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

200.7	03/15/2018:203687 All analysis quality controls are within established criteria.
3010	03/15/2018:202955 All preparation quality controls are within established criteria, except: The following note applies to Iron: 430 Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.

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April 6, 2018 Lab ID : VI 1841100
AltaGas San Joaquin Energy Inc. Customer : 4-14718

Inorganic - Wet Chemistry QC

1664A	03/28/2018:203455 All preparation quality controls are within established criteria.
2510B	03/22/2018:203945 All analysis quality controls are within established criteria.
	03/21/2018:203193 All preparation quality controls are within established criteria.
2540D	03/20/2018:203164 All preparation quality controls are within established criteria.
4500-H B	03/23/2018:203310 All preparation quality controls are within established criteria.
4500HB	03/23/2018:204085 All analysis quality controls are within established criteria.

Certification:: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:VT

Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2018-04-06

April 6, 2018

Lab ID : VI 1841100-001
Customer ID : 4-14718

AltaGas San Joaquin Energy Inc.
10596 Idaho Avenue
Hanford, CA 93230

Sampled On : March 13, 2018-10:45
Sampled By : DM
Received On : March 13, 2018-13:15
Matrix : Stormwater

Description : HenriettaPeakerPlantStormwater
Project : Henrietta Peaker Plant Storm-1

Sample Result - Inorganic

Constituent	Result	PQL	MDL	Units	Dilution	DQF	Sample Preparation Method	Sample Preparation ID	Sample Preparation Time	Sample Analysis Method	Sample Analysis ID	Sample Analysis Time
Metals, Total												
Iron	2.48	0.05	0.00097	mg/L	1	P	3010	202955	03/15/18 03:00	200.7	203687-IT203	03/15/18-13:51AC
Wet Chemistry												
Specific Conductance	36.8	1	0.16	umhos/cm	1	b	2510B	203193	03/21/18 10:53	2510B	203945-EC205	03/22/18-07:50AMB
Oil and Grease	4.01	3	1.5	mg/L	1.0989		1664A	203455	03/28/18 11:00	1664A	204322-WT215	03/28/18-16:03AMM
pH	7.14	--	0.0	units	1	T	4500-H B	203310	03/23/18 11:41	4500HB	204085-PH203	03/23/18-11:48JMG
Solids, Total Suspended (TSS)	113	3.3	0.49	mg/L	3.3333		2540D	203164	03/20/18 17:40	2540D	203958-WT215	03/21/18-12:55JBA

DQF Flags Definition:

b	The Blank was detected above method MDL for constituent but less than the PQL
P	Post Digestion Spike (PDS) not within Acceptance Range (AR).
T	Exceeded method-specific holding time.

ND=Non-Detected. PQL=Practical Quantitation Limit.

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April 6, 2018 Lab ID : VI 1841100
AltaGas San Joaquin Energy Inc. Customer : 4-14718

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Iron	200.7	03/15/18:203687AC	CCV	ppm	5.000	96.7 %	90-110	
			CCB	ppm		-0.0029	0.03	
			CCV	ppm	5.000	96.5 %	90-110	
			CCB	ppm		-0.0037	0.03	
	3010	03/15/18:202955amb	Blank	mg/L		ND	<0.05	
			LCS	mg/L	4.000	98.9 %	85-115	
			MS	mg/L	4.000	87.5 %	75-125	
		(VI 1841109-001)	MSD	mg/L	4.000	86.5 %	75-125	
			MSRPD	mg/L	0.8000	0.8%	≤20.0	
			PDS	mg/L	4.000	63.6 %	75-125	430
Wet Chem								
Oil and Grease	1664A	03/28/18:203455AMM	Blank	mg/L		ND	<3	
			LCS	mg/L	44.89	87.6 %	78-114	
			BS	mg/L	44.89	80.7 %	78-114	
			BSD	mg/L	44.89	84.9 %	78-114	
			BSRPD	mg/L	44.89	5.1%	≤18	
Conductivity	2510B	03/22/18:203945AMB	ICB	umhos/cm		0.13	1	
			CCV	umhos/cm	998.0	103 %	95-105	
			CCV	umhos/cm	998.0	102 %	95-105	
E. C.	2510B	03/21/18:203193jmg	Blank	umhos/cm		ND	<1	
		(VI 1841096-012)	Dup	umhos/cm		0.3%	5	
Solids, Suspended	2540D	03/20/18:203164JBA	Blank	mg/L		ND	<1	
			LCS	mg/L	50.00	72.0 %	61-112	
			LCS	mg/L	50.00	64.0 %	61-112	
		(VI 1841144-001)	Dup	mg/L		0.6%	20	
		(VI 1841144-003)	Dup	mg/L		4.2%	20	
pH	4500-H B	(CC 1880677-001)	Dup	units		0.8%	4.80	
	4500HB	03/23/18:204085JMG	CCV	units	8.000	99.8 %	95-105	
			CCV	units	8.000	101 %	95-105	

Definition

PDS	: PDS failed, matrix - Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.
ICB	: Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
CCV	: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
CCB	: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyted. The recoveries are an indication of how that sample matrix affects analyte recovery.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

430	: Post Digestion Spike (PDS) not within Acceptance Range (AR) because of matrix interferences affecting this analyte. Data was accepted based on the LCS recovery.

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Laboratory Copy (1 of 3)

40626:09/04/2017

Client: **AltaGas San Joaquin Energy Inc.**
Address: 10596 Idaho Avenue
Hanford, CA 93230

Phone: Fax:
Contact Person: Rick Vogler
Project Name: **Henrietta Peaker Plant Storm-2**
Purchase Order Number:
Quote Number:

Sampler(s)

Sampling Fee: _____ Pickup Fee: _____
Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: VI 1841100 4-14718

TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Metals, Total-Fe 250ml(P)-HNO3	Wet Chemistry-Conductivity,Oil&Grease-1664,pH,TSS 16oz(P), 32oz(AGJ)-H2SO4 , 32oz(P) H2SO4	Sampling-Pickup
1	HenriettaPeakerPlantStormwater	3-13-18	10:45	G	STM				1	1,1,1	X

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
	3-13-18	13:45		3/13/18	1730	GSO	3/14/18	1135
Received By:	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**	**Received By:**	**Date:**	**Time:**
	3-13-18	13:15	GSO	3/13/18	1730		3/14/18	1135

11°C

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Inter-Laboratory Condition Upon Receipt (Attach to COC)

Sample Receipt at: STK CC CH (VI)

1. Number of ice chests/packages received: 1 Shipping tracking # OTC

2. Were samples received in a chilled condition? Temps: 11°C / ____ / ____ / ____ / ____
Surface water SWTR bact samples: A sample that has a temperature upon receipt of >10° C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.

3.	Do the number of bottles received agree with the COC?	Yes	(No)	N/A
4.	Were samples received intact? (i.e. no broken bottles, leaks etc.)	(Yes)	No	
5.	VOAs checked for Headspace?	Yes	No	(N/A)
6.	Were sample custody seals intact?	Yes	No	(N/A)
7.	If required, was sample split for pH analysis?	Yes	No	(N/A)
8.	Were all analyses within holding times at time of receipt?	Yes	(No)	
9.	Verify sample date, time and sampler name	(Yes)	No	

Sign and date the COC, place in a ziplock and put in the same ice chest as the samples.
Sample Receipt Review completed by (initials): JVR

Sample Receipt at SP:

1. Were samples received in a chilled condition? Temps: 4 / ____ / 5 / 3 / 6
Acceptable is above freezing to 6°C. If many packages are received at one time check for tests/H.T.'s/rushes/

2. Shipping tracking numbers:
5398001326, 5398001826, 5397993578

3.	Do the number of bottles received agree with the COC?	(Yes)	No	N/A
4.	Were samples received intact? (i.e. no broken bottles, leaks etc.)	(Yes)	No	
5.	Were sample custody seals intact?	Yes	No	(N/A)

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1.	Were all requested analyses understood and acceptable?	(Yes)	(No)		
2.	Did bottle labels correspond with the client's ID's?	(Yes)	No		
3.	Were all bottles requiring sample preservation properly preserved? [Exception: Oil & Grease, VOA and CrVI verified in lab]	(Yes)	No	N/A	FGL
4.	VOAs checked for Headspace?	Yes	No	(N/A)	
5.	Have rush or project due dates been checked and accepted?	Yes	No	(N/A)	
6.	Were all analyses within holding times at time of receipt?	(Yes)	(No)		

Attach labels to the containers and include a copy of the COC for lab delivery.
Sample Receipt, Login and Verification completed by (initials): CLO

Discrepancy Documentation:
Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: ____ Phone Number: In Person
Initiated By: Jessica Ramirez Date: ____
Problem: PH out of Hold 16oz P was wrong bottle they had 16 oz H2SO4
Resolution: Run PH/TSS out of 32oz

2. Person Contacted: ____
Initiated By: ____
Problem:
Resolution:

(Please use the back of this sheet for additional com
contacts)

(4-14718)
AltaGas San Joaquin Energy Inc.
VI 1841100
IV-03/13/2018-14:46:12

here

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January	X	**April**		**July**		**October**	
February		**May**		**August**		**November**	
March		**June**		**September**		**December**	

Location	Observation	YES	NO	Comments
POND	**Floating or Suspended Materials**		X	Weeds heavy in south end Pond has no standing water
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	**Mann**	**DATE:**	**1/6/2018**	**TIME: 10:30**

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		April		July		October	
February	X	May		August		November	
March		June		September		December	

Location	Observation	YES	NO	Comments
POND	Floating or Suspended Materials		X	Weeds heavy in south end Pond has no standing water
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	Mann	DATE:	2/7/2018	TIME:	8:00

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		**April**		**July**		**October**	
February		**May**		**August**		**November**	
March	X	**June**		**September**		**December**	

Location	Observation	YES	NO	Comments
POND	**Floating or Suspended Materials**		X	Weeds heavy in south end at pond inlet Pond has no standing water
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	**Mann**	**DATE:**	**3/11/2018**	**TIME: 7:15**

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		April	X	July		October	
February		May		August		November	
March		June		September		December	

Location	Observation	YES	NO	Comments
POND	Floating or Suspended Materials		X	Weeds in south end Level is empty
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	Mann	DATE:	4/3/2018	TIME:	7:50

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		April		July		October	
February		May	X	August		November	
March		June		September		December	

Location	Observation	YES	NO	Comments
POND	Floating or Suspended Materials		X	Weeds in south end No Standing Water Pond is dry
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	Mann	DATE:	5/5/2018	TIME:	6:30

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		**April**		**July**		**October**	
February		**May**		**August**		**November**	
March		**June**	X	**September**		**December**	

Location	Observation	YES	NO	Comments
POND	**Floating or Suspended Materials**		X	Weeds in south end
				No Standing Water
	Oil or Grease		X	Pond is dry
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	**Mann**	**DATE:**	**6/1/2018**	**TIME: 8:10**

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		**April**		**July**	X	**October**	
February		**May**		**August**		**November**	
March		**June**		**September**		**December**	

Location	Observation	YES	NO	Comments
POND	**Floating or Suspended Materials**		X	Weeds in south end No Standing Water Pond is dry
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	**Mann**	**DATE:**	**7/1/2018**	**TIME: 8:00**

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		April		July		October	
February		May		August	X	November	
March		June		September		December	

Location	Observation	YES	NO	Comments
POND	Floating or Suspended Materials		X	Weeds in south end No Standing Water Pond is dry
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	Mann	DATE:	8/1/2018	TIME:	7:00

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		April		July		October	
February		May		August		November	
March		June		September	X	December	

Location	Observation	YES	NO	Comments
POND	Floating or Suspended Materials		X	No Weeds No Standing Water Pond is dry
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	Mann	DATE:	9/2/2018	TIME:	8:10

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		**April**		**July**		**October**	X
February		**May**		**August**		**November**	
March		**June**		**September**		**December**	

Location	Observation	YES	NO	Comments
POND	**Floating or Suspended Materials**		X	No Weeds
				No Standing Water
	Oil or Grease		X	Pond is dry
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	**Lopez**	**DATE:**	**10/14/2018**	**TIME: 8:14**

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		**April**		**July**		**October**	
February		**May**		**August**		**November**	X
March		**June**		**September**		**December**	

Location	Observation	YES	NO	Comments
POND	**Floating or Suspended Materials**		X	No Weeds No Standing Water Pond is dry
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	**Mann**	**DATE:**	**11/17/2018**	**TIME: 10:00**

HENRIETTA STORM WATER OBSERVATION SHEET
2018

January		April		July		October	
February		May		August		November	
March		June		September		December	X

Location	Observation	YES	NO	Comments
POND	Floating or Suspended Materials		X	New weeds growing Some standing water no real level
	Oil or Grease		X	
	Discoloration		X	
	Turbidity		X	
	Odor		X	

COMPLETED BY:	Mann	DATE:	12/1/2018	TIME:	8:00

L

Water Usage Record
WR-1 & 2

Henrietta Peaker Plant
Water Usage 2018

	Water Usage, ac-ft	Water Usage, Gallons	Water Allocation-CVP ac-ft	CVP Water Usage, ac-ft	% CVP Usage	Water Allocation-State Water Project-ac-ft	SWP Water Usage, ac-ft	% SWP Usage	Gallons per Monthly G&U reports	Net MWH	
Jan	0.549	178893	0.416667	0.549	131.76%	16.6667	0	0.00%	178893	2213.7	80.8
Feb	0.364	118610	0.416667	0.364	87.36%	16.6667	0	0.00%	118610	2410.3	49.2
Mar	0.582	189646	0.416667	0.582	139.68%	16.6667	0	0.00%	189646	2191.5	86.5
Apr	1.161	378315	0.416667	1.161	278.64%	16.6667	0	0.00%	378315	5358.7	70.6
May	0.794	258727	0.416667	0.794	190.56%	16.6667	0	0.00%	258727	3448.8	75.0
Jun	0.623	203006	0.416667	0.623	149.52%	16.6667	0	0.00%	203006	2681	75.7
Jul	0.667	217344	0.416667	0.667	160.08%	16.6667	0	0.00%	217344	2985.1	72.8
Aug	0.317	103295	0.416667	0.26	62.40%	16.6667	0.057	0.34%	103295	1765.7	58.5
Sep	0.7	228097	0.416667		0.00%	16.6667	0.7	4.20%	228097	2430.8	93.8
Oct	1.232	401451	0.416667		0.00%	16.6667	1.232	7.39%	401451	6188.4	64.9
Nov	0.995	324224	0.416667		0.00%	16.6667	0.995	5.97%	324224	872.7	371.5
Dec	0.086	28023	0.416667		0.00%	16.6667	0.086	0.52%	28023	352.7	79.5
Total	*8.07*	*2629634*	*5.00*	*5.00*	*100.00%*	*200.00*	*3.07*	*1.53%*	*2629634*	*32899.4*	*79.9*

CVP Water Used 5.00 ac-ft
CVP Water Allocation 5.00 ac-ft

SWP Water Used 3.07 ac-ft
SWP Water Allocation 200 ac-ft

M

Radio/TV Interference Report
TLSN-2

MRP San Joaquin Energy LLC.

Memo

To: Neftali Nevarez, Compliance Manager

From: Rick Vogler, Operations Supervisor

CC:

Date: March 25, 2019

Re: Henrietta Peaker Plant – 01-AFC-18 – Radio/TV Interference Report

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- In accordance with TLSN-2 of the Conditions of Certification that requires PG&E to verify and correct any radio or TV interference resulting from the transmission lines. PG&E provided an initial report on the interference of the Henrietta substation that was submitted in 2002. MRPSJE has received no reports from PG&E indicating radio or TV interference from the transmission lines associated with the construction of the project.

N

Transmission Line Fire Safety Report
TLSN-4

MRP San Joaquin Energy LLC.

Memo

To: Neftali Nevarez, Compliance Manager

From: Rick Vogler, Operations Supervisor

CC:

Date: March 25, 2019

Re: Henrietta Peaker Plant – 01-AFC-18 – Transmission Line Fire Hazard Report

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- In accordance with TLSN-4 of the Conditions of Certification that requires PG&E to comply with CPUC's GO-95 requirements for maintaining the transmission line corridor free from combustible objects and materials.

- PG&E has not provided MRPSJE with information verifying it is in compliance with GO-95 and that it is monitoring the transmission line right-of-way for combustible materials.