

Curt Russell

Topock Site Manager Chromium Remediation Gas Transmission & Distribution Topock Compressor Station 145453 National Trails Hwy Needles, CA 92363

Mailing Address P.O. Box 337 Needles, CA 92363

760.326.5582 Fax: 760.326.5542 Email: gcr4@gge.com

June 30, 2009

Mr. Robert Perdue Executive Officer California Regional Water Quality Control Board Colorado River Basin Region 73-720 Fred Waring Drive, Suite 100 Palm Desert, CA 92260

Subject:

2008 - 2009 Storm Water Annual Report

PG&E Topock Interim Measure No. 3

I-40 & Park Moabi Road, Needles, California

WDID No. 7 36I 019443

Dear Mr. Perdue:

Enclosed is the 2008 – 2009 Storm Water Annual Report for the Pacific Gas and Electric Company (PG&E) Topock Interim Measure (IM) No. 3 Groundwater Treatment System, Facility WDID No. 7 36I 019443. This report is being submitted in compliance with the National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000001 for Industrial Activities.

The IM No. 3 Notice of Intent (NOI) was submitted April 5, 2005. The Storm Water Pollution Prevention Plan (SWPPP) is available at the facility. All Best Management Practices (BMPs) have been fully implemented.

Three locations at the treatment plant site have been identified as possible storm water discharge locations. However, there were no storm events that resulted in discharge of storm water from the site during the 2008 – 2009 wet season. Therefore, no storm water samples were collected. Discharge of storm water from the plant site did not occur due to the arid climate during the wet season, drainage properties of soil at unpaved areas, and pumping of storm water collected on the concrete treatment pad into the treatment plant.

If you have any questions regarding this report, please call me at (760) 326-5582. Sincerely,

Curt Russell

Topock Site Manager

Enclosures:

Mr. Robert Perdue June 30, 2009 Page 2

Annual Report Form including Certification

Form 1 - Sampling and Analysis Results

Form 2 - Quarterly Visual Observations of Authorized Non-Storm Water Discharges

Form 3 – Quarterly Visual Observations of Unauthorized Non-Storm Water Discharges

Form 4 - Monthly Visual Observations of Storm Water Discharges

Form 5 – Annual Comprehensive Site Compliance Evaluation

Attachment A – Response Explanations to Annual Report Form

Attachment B - 2008-2009 Wet Season Storm Event Records

cc: Suhas Chakraborty, Colorado River Basin Regional Water Quality Control Board Cliff Raley, Colorado River Basin Regional Water Quality Control Board Tom Vandenberg, State Water Resources Control Board Aaron Yue, California Department of Toxic Substances Control

State of California STATE WATER RESOURCES CONTROL BOARD

2008-2009

ANNUAL REPORT

FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2008 through June 30, 2009

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at http://www.waterboards.ca.gov/stormwtr/contact.html. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

REGIONAL BOARD INFORMATION:

Colorado River Basin Region Contact: Suhas Chakraborty Tel: (760) 776-8961

73-720 Fred Waring Dr., Ste 100

Palm Desert, CA 92260 Email: Schakraborty@waterboards.ca.gov

GENERAL INFORMATION:

4.	Facility Information:	Facility WDID No: 7 36I 019443
	Facility Business Name: PG&E Topock Interim Measures No. 3	Contact Person: Curt Russell
	Physical Address: <u>I-40 & Park Moabi Road</u>	e-mail:
	City: Needles	CA Zip: <u>92363</u> Phone: <u>760-326-5582</u>
	Standard Industrial Classification (SIC) Code(s): 4953	
В.	Facility Operator Information:	
	Operator Name: PG&E Topock Interim Measures No. 3	Contact Person: Curt Russell
	Mailing Address: <u>I-40 & Park Moabi Road</u>	e-mail:
	City: Needles	State: <u>CA</u> Zip: <u>92363</u> Phone: <u>760-326-5582</u>
C.	Facility Billing Information:	
	Operator Name: same as Facility Operator	Contact Person:
	Mailing Address:	e-mail:
	City:	State: Zip: Phone:

Additional Table D Parameters: Fe

(Hazardous Waste Facilities, see Table D, Sector K of the Permit for Additional Parameters)

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit? YES Go to Item D.2 NO Go to Section E Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v. Participating in an Approved Group Monitoring Plan Group Name: ___ Submitted No Exposure Certification (NEC) Date Submitted: / / Re-evaluation Date: / / YES NO Does facility continue to satisfy NEC conditions? Submitted Sampling Reduction Certification (SRC) Date Submitted: / / Re-evaluation Date: / / YES NO Does facility continue to satisfy SRC conditions? Certification Date: ____/__/ Received Regional Board Certification Certification Date: ____ / / Received Local Agency Certification If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year? **YES** Go to Section E Go to Section F 4. If you checked boxes ii, iv, or v, go to Section F. SAMPLING AND ANALYSIS RESULTS How many storm events did you sample? 0 If less than 2, attach explanation (if you checked item D.2.i or iii. above, only attach explanation if you answer "0"). Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

NO

attach explanation (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? <u>3</u>

YES

ANNUAL REPORT

4.		r each storm event sampled, did you collect and analyze a mple from each of the facility's' storm water discharge locations?		YES, g	go to It	tem E.6		NO
5.		as sample collection or analysis reduced in accordance th Section B.7.d of the General Permit?		YES		NO, atta	ch exp	lanation
		YES", attach documentation supporting your determination at two or more drainage areas are substantially identical.						
	Dat	te facility's drainage areas were last evaluated//						
6.	We	ere all samples collected during the first hour of discharge?		YES		NO, atta	ch exp	lanation
7.		as <u>all</u> storm water sampling preceded by three (3) orking days without a storm water discharge?		YES		NO, atta	ch exp	lanation
8.		ere there any discharges of storm water that had been nporarily stored or contained? (such as from a pond)		YES		NO, go t	o Item I	E.10
9.	cor	d you collect and analyze samples of temporarily stored or ntained storm water discharges from two storm events? one storm event if you checked item D.2.i or iii. above)		YES		NO, atta	ch exp	lanation
10.	(TS be	ection B.5. of the General Permit requires you to analyze storm wate SS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oi present in storm water discharges in significant quantities, and analyze and Permit.	I and	Grease	(O&C	3), other p	ollutant	ts likely to
	a.	Does Table D contain any additional parameters related to your facility's SIC code(s)?	\boxtimes	YES		NO, Go	to Item	E.11
	b.	Did you analyze all storm water samples for the applicable parameters listed in Table D?		YES		NO		
	C.	If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:						
		In prior sampling years, the parameter(s) have not beer consecutive sampling events. Attach explanation	n det	ected in	signifi	cant quar	itities fr	om two
		The parameter(s) is not likely to be present in storm wa discharges in significant quantities based upon the facil						
		X Other. Attach explanation						
11.		r each storm event sampled, attach a copy of the laboratory analytic sults using Form 1 or its equivalent. The following must be provided					mpling a	and analysis
	•	Date and time of sample collection Name and title of sampler Parameters tested Name of analytical testing laboratory Discharge location identification	Te Te Da	esting re est meth est detec ate of te opies of	ods us ction li sting		nalytica	al results

ANNUAL REPORT

F. QUARTERLY VISUAL OBSERVATIONS

1.

2.

Sec	thorized Non-Storm Water Discharges stion B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water charges and their sources.
a.	Do authorized non-storm water discharges occur at your facility?
	YES NO Go to Item F.2
b.	Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers . Indicate "N/A" for quarters without any authorized non-storm water discharges.
	July-September YES NO NO October-December YES NO NA
	January-March YES NO N/A April-June YES NO N/A
C.	Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information:
	 i. name of each authorized non-storm water discharge ii. date and time of observation iii. source and location of each authorized non-storm water discharge iv. characteristics of the discharge at its source and impacted drainage area/discharge location v. name, title, and signature of observer vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.
Sec	authorized Non-Storm Water Discharges stion B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence inauthorized non-storm water discharges and their sources.
a.	Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non- storm water discharges and their sources. Attach an explanation for any "NO" answers .
	July-September YES NO October-December YES NO
	January-March YES NO April-June YES NO
b.	Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?
	YES On Go to Item F.2.d
C.	Have each of the unauthorized non-storm water discharges been eliminated or permitted?
	YES NO Attach explanation
d.	Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information:
	 i. name of each unauthorized non-storm water discharge ii. date and time of observation iii. source and location of each unauthorized non-storm water discharge iv. characteristics of the discharge at its source and impacted drainage area/discharge location v. name, title, and signature of observer vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

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G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

			. ,	•		Ü		
	1.	Attach an expla	nation for any " scheduled facility	isual observations of sto NO" answers. Include operating hours that did who observed that ther	in this explanati d not result in a	on whether a storm water o	any eligible st discharge, an	torm events
		October	YES	NO	February	YES	N(
		November		\boxtimes	March		\triangleright	
		December		\boxtimes	April			
		January		\boxtimes	May			
	2.	a. date, time, a	and location of ob	l observations using For servation	rm 4 or provide t	the following	information:	
		c. characteristd. any new or	revised BMPs ne	ge (i.e., odor, color, etc.) cessary to reduce or pre implementation date.				S.
INA	NUA	AL COMPREHE	ENSIVE SITE C	OMPLIANCE EVALU	IATION (ACS	CE)		
H.	<u>AC</u>	SCE CHECKLIST	- -					
	Ju be ste	ne 30). Evaluatio revised and impl	ons must be cond emented, as nece complete a ACSC	quires the facility operato ucted within 8-16 month essary, within 90 days of CE. Indicate whether you	s of each other. f the evaluation.	The SWPPI The checkli	P and monito st below inclu	ring program shall udes the minimum
	1.		cted all potential p eas should be ins	pollutant sources and inc pected:	lustrial activities	areas?	XES	☐ NO
		during the la outdoor was process/ma loading, unli waste storage	sh and rinse areas nufacturing areas oading, and trans ge/disposal areas late generating a	s ; fer areas	matevehictruckrooftevehic	rial storage a le/equipmen parking and op equipmen le fueling/ma	areas t storage are access areas t areas aintenance ar	S
	2.		=	to assure that its BMPs dustrial activities areas?		9	XES	☐ NO
	3.			ility to verify that the SW map items should be ve			XES	☐ NO
		facility bounoutline of all	daries I storm water drai	nage areas	storm water o		•	e system

- areas impacted by run-on

H.

- storm water discharges locations
- containment areas, oil/water separators, etc.

4.	Have you reviewed all General Permit compliance records go since the last annual evaluation?	enerat	ed	X YES	NO
	The following records should be reviewed:				
	 quarterly authorized non-storm water discharge visual observations monthly storm water discharge visual observation records of spills/leaks and associated clean-up/response activities 	•	quarterly unauthor visual observation Sampling and An preventative main maintenance recommends.	ns nalysis records ntenance inspe	m water discharge
5.	Have you reviewed the major elements of the SWPPP to ass compliance with the General Permit?	ure		XES	□ NO
	The following SWPPP items should be reviewed:				
	 pollution prevention team list of significant materials description of potential pollutant sources 	•	assessment of poidentification and implemented for	description of	the BMPs to be
6.	Have you reviewed your SWPPP to assure that a) the BMPs in reducing or preventing pollutants in storm water discharges non-storm water discharges, and b) the BMPs are being implementation.	s and	authorized	X YES	□ NO
	The following BMP categories should be reviewed:				
	 good housekeeping practices spill response employee training erosion control quality assurance 	•	preventative main material handling waste handling/si structural BMPs	and storage p	ractices
7.	Has all material handling equipment and equipment needed timplement the SWPPP been inspected?	to		X YES	□ NO
AC:	SCE EVALUATION REPORT				
The	facility operator is required to provide an evaluation report that	at inclu	udes:		
•	identification of personnel performing the evaluation the date(s) of the evaluation necessary SWPPP revisions	•	schedule for impl any incidents of r actions taken	_	PPP revisions and the corrective
Use	Form 5 to report the results of your evaluation or develop an	equiv	alent form.		
AC:	SCE CERTIFICATION				
The	facility operator is required to certify compliance with the Induspliance, both the SWPPP and Monitoring Program must be u	ıstrial p to da	Activities Storm W ate and be fully im	ater General Poplemented.	ermit. To certify
	ed upon your ACSCE, do you certify compliance with the Induvities Storm Water General Permit?	ıstrial		X YES	□ NO
	ou answered "NO" attach an explanation to the ACSCE Evalustrial Activities Storm Water General Permit.	uation	Report why you a	re not in compl	iance with the

-6-

I.

J.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

1.	Have you attached Forms 1,2,3,4, and 5 or their equivalent?	X Y	ES (Mand	atory)	
2.	If you conducted sampling and analysis, have you attached the laboratory analytical reports?	Y	ES	□ NO	⊠ NA
3.	If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications?	Y	ES	NO a	⊠ NA
4.	Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J?	× Y	ES	□ NO	□ NA
AN	NUAL REPORT CERTIFICATION				
PE we per wh sul sig	m duly authorized to sign reports required by the INDUSTRIAL ACRMIT (see Standard Provision C.9) and I certify under penalty of lare prepared under my direction or supervision in accordance with resonnel properly gather and evaluate the information submitted. Et a manage the system, or those persons directly responsible for gather is, to the best of my knowledge and belief, true, accurate a nificant penalties for submitting false information, including the polations.	aw that a syste Based o athering and con	t this docu em design on my inqu g the infor mplete. I	ument and all at ed to ensure tha uiry of the perso mation, the info am aware that the	tachments at qualified n or persons rmation here are
Pri	nted Name: Curt Russell				
Sig	gnature: Schmill		D	ate: 6-17-	2009
Tit	le:PG&E Topock Site Manager				

FORM 1-SAMPLING & ANALYSIS RESULTS

FIRST STORM EVENT

*	met
If analytical results are less than the detection limit (or non detectable), show the value as less than	numerical value of the detection limit (example: <.05)

If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box. Make additional copies of this form as necessary.

		ERS					
		OTHER PARAMETERS					
JRE:		ОТН					
SIGNATURE:	RESULTS						
	ANALYTICAL RESULTS For First Storm Event		TOC				
	A	ERS	08G	2			
ü		BASIC PARAMETERS	SC				
TITLE:		BASI	TSS				
2008/2009			Hd				
No discharge for		TIME	STARTED	AM 🗆	AM D	AM D	O AM
LECTING SAMPLE(S)		DATE/TIME OF SAMPLE	COLLECTION	DAM PM	D AM	D AM	AM
NAME OF PERSON COLLECTING SAMPLE(S); No discharge for 2008/2009		DESCRIBE	LOCATION Example: NW Out Fall	October 1, 2008 through May 31, 2009 the site had no Stormwarder discharge	6-17-09 Ken Vose		

ANALYZED BY (SELF/LAB): TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

l/gm

l/gm

umho/cm

l/gm

pH Units

TEST METHOD DETECTION LIMIT:

TEST METHOD USED:

TEST REPORTING UNITS:

DC AM

FORM 1-SAMPLING & ANALYSIS RESULTS

SECOND STORM EVENT

If analytical results are less than the detection limit (of non-detectable), show the value as less than	If an anytical results are less
--	---------------------------------

the numerical value of the detection limit (example: <.05)
If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank

NAME OF PERSON COLLECTING SAMPLE(S): No discharge for 2008/2009

When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box. Make additional copies of this form as necessary.

SIGNATURE:

TITLE

						A _	ANALYTICAL RESULTS For First Storm Event	RESULTS	10			
DESCRIBE	DATE/TIME OF SAMPLE	DISCHARGE		BAS	BASIC PARAMETERS	ERS			ATO.	OTHER PARAMETERS	TERS	
Example: NW Out Fall	COLLECTION	SIARIED	H	TSS	sc	086	TOC				11 (80.01)	
October 1, 2008 through May 31, 2009 the site had no Stormwater discharge	D AM	D AM										
6-12-08 Ken-Vose Project Manager	D AM	D AM										
	D AM	AM DPM										
	D AM	AM D PM										
TEST REPORTING UNITS:	UNITS		pH Units	l/gm	umho/cm	l/gm	l/gm					
TEST METHOD DETECTION LIMIT:	TECTION LIMIT:											
TEST METHOD USED:	ΞD:											
ANALYZED BY (SELF/LAB):	.F/LAB):											
TSS - Total Suspended Solids	fieds	dinens - CS	ific Conductance	g.	0.86	ORG - Oil & Grassa		TOOL	Total Oceania Carbon	arhon		

ANNUAL REPORT

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF <u>AUTHORIZED</u> NON-STORM WATER DISCHARGES (NSWDs)

- Quarterly dry weather visual observations are required of each authorized NSWD. Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit. Make additional copies of this form as necessary.

YES If YES, complete reverse side of NO this form.	YES If YES, complete reverse side of NO this form.	YES If YES, complete reverse side of NO this form.	YES If YES, complete reverse side of NO this form.
WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER?	WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER?	WERE ANY AUTHORIZED NSWDS DISCHARGED DURING THIS QUARTER?	WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER?
Observers Name: Ken Vose Title: Project Manager Signature:	Observers Name: Ken Vose Title: Project Mayager Signature:	Observers Name: Ken Vose Title: Project Mindger Signature:	Observers Name: Ken Vose Title: Project Manager Signature:
QUARTER: JULY-SEPT. DATE: 9-30-08	QUARTER: OCTDEC. DATE: 12-08-08	QUARTER: JANMARCH DATE: 3-31-09	QUARTER: APRIL_JUNE DATE: 6-12-09

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF <u>AUTHORIZED</u> NON-STORM WATER DISCHARGES (NSWDs)

DATE /TIME OF OBSERVATION	AND ON OF RIZED	NAME OF AUTHORIZED NSWD	DESCRIBE AU CHARA(Indicate whether authoriz discolored, causing stair or an oil shee	DESCRIBE AUTHORIZED NSWD CHARACTERISTICS Indicate whether authorized NSWD is clear, cloudy, or discolored, causing staining, contains floating objects or an oil sheen, has odors, etc.	DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE
	EXAMPLE: Air conditioner Units on Building C	EXAMPLE: Air conditioner condensate	At the NSWD Source	At the NSWD Drainage Area and Discharge Location	
□ □ AM					
□ □ AM					
□ □ AM					
□□ PM					
□□ PM PM					

FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
 - Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
 - Make additional copies of this form as necessary.

			The second secon	SAME THE RESIDENCE OF THE PROPERTY OF THE PROP
QUARTER: JULY-SEPT.	Observers Name: Ken Vose	WERE UNAUTHORIZED		If YES to either
		NSWDs OBSERVED?	YES X NO	question,
	Title: Project Manager	WEDE THERE INDICATIONS OF		complete
9-30-08	Signature:	PRIOR UNAUTHORIZED NSWDs?	☐YES XNO	side.
QUARTER: OCTDEC.				If YES to
	Observers Name: Ken Vosc	WERE UNAUTHORIZED	VEC VINO	aithar
OBSERVATIONS	Trate: Project Manager	NOWDS COORNALD	2	question,
□ AM	The state of the s	WERE THERE INDICATIONS OF	0100	reverse
12-08-08	Signature:	PRIOR UNAUTHORIZED NSWDS?	TES XINO	side.
QUARTER: JANMARCH	Observers Name: Ken Vose	WERE UNAUTHORIZED		If YES to
		NSWDs OBSERVED?	YES XNO	question,
OBSERVATIONS	Title: Protect Manager	WERE THERE INDICATIONS OF		complete
3-31-09 DM	Signature:	PRIOR UNAUTHORIZED NSWDs?	□YES XNO	side.
QUARTER: APRIL-JUNE	Observers Name: Ken Vose	WERE UNAUTHORIZED		If YES to
DATE/TIME OF		NSWDs OBSERVED?	TYES X NO	question,
OBSERVATIONS	Title: Proide Manager	WERE THERE INDICATIONS OF		complete
6-12-09 PM	Signature: Lelllle	PRIOR UNAUTHORIZED NSWDs?	□YES XNO	side.

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF <u>UNAUTHORIZED</u> NON-STORM WATER DISCHARGES (NSWDs)

	T		1	T	
DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED	NSWD ELIMINATION DATE.				
DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION				
DESCRIBE UNAUTO CHARACT CHARACT Indicate whether unauthorized discolored, causing stains; consing stains; consing stains; considered stains; considered causing stains; considered caus	AT THE UNAUTHORIZED NSWD SOURCE				
SOURCE AND LOCATION OF UNAUTHORIZED NSWD	EXAMPLE: NW Corner of Parking Lot				
NAME OF UNAUTHORIZED NSWD	EXAMPLE: Vehicle Wash Water				
OBSERVATION DATE (FROM REVERSE SIDE)		□□ PM	□ AM	AM D	□ □ AM

SIDE A

FORM 4-MONTHLY VISUAL OBSERVATIONS OF ANNUAL REPORT

STORM WATER DISCHARGES

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
 - Visual observations must be conducted during the first hour of discharge
- at all discharge locations.

 Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Make additional copies of this form as necessary.

 Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge. Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.

		#1	#2	#3	#	
Observation Date: October 31 2008	Drainage Location Description	No storm water discharge	No storm water discharge	No storm water discharge No storm water discharge		
Observers Name Keth Vose	Observation Time	D P.W.	P.M.	D P.W.		□ □ P. A. M. M.
ritte. Project Manager	Time Discharge Began	DP.M.	DP.M.	DA.M.		P.M.
Signature As	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES ON O	YES 🔲 NC	ON ON
CC		#	#2	#3	苯	
Observation Date: November 20 2008	Drainage Location Description	No storm water discharge	No storm water discharge	No storm water discharge		
Observers Name Ken Vose	Observation Time	P.M.	P.M.	P.M.		DD.A.M.
rine Project Mariager	Time Discharge Began	D P.M.	N. W.	D P.M.		DA.M.
Signature Auffle	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES ON O	YES NO	YES 🔲 N	Q Q
		#1	#2	#3	#4	
Observation Date: December 31 2008	Drainage Location Description	No storm water discharge No storm water discharge No storm water discharge	No storm water discharge	No storm water discharge		
Observers Name Ken Vose	Observation Time	DD A.W.	D D N.W.	□ P.M.		P.M.
Title Project Mepager	Time Discharde Began	DD A.M.	M. M.	O P.M.		P.M.
Signature // Cut	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES NO	YES 🔲 NO	ON
CC.		#	#2	#3	#	
Observation Date: January 30, 2009	Drainage Location Description	No storm water discharge	No storm water discharge	No storm water discharge No storm water discharge		
Observers Name Ken Vosc	Observation Time	P.M.	P.W.	DA.M.		П. М. М.
Title Project Manager	Time Discharge Began	O P.W.	P.W.	DD P.M.		□□ P.A. A.A.
Signature:	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES NO	YES 🔲 N	ON ON

SIDE A

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF ANNUAL REPORT

STORM WATER DISCHARGES

indicate "None" in the first column of this form if you did not conduct a monthly visual observation.

Storm water discharge visual observations are required for at least one storm event per morth between October 1 and May 31. Visual observations must be conducted during the first hour of discharge at all discharge locations. Discharges of temporarity stored or contained storm water must be observed at the time of discharge.	d for at least one storm t hour of discharge ater must be observed	Indicate "None" Make additiona Until a monthly discharge and i	Indicate "None" in the first column of this form if you did not conduct a monthly wisual observation. Make additional copies of this form as necessary. Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.	you did not conduct a monthly v y. rd any eligible storm events that le of who observed there was no	insual observation. do not result in a storm was storm water discharge.	je l
1		#1	#2	#3	<u>*</u>	
Observation Date: February 27 2009	Drainage Location Description	No storm water discharge	No storm water discharge	No storm water discharge		
Observers Name Kett Vose	Ohsanation Time	DP.M.	P.M.	P.M.	D P.M.	
Title Project Manager	Time Discharge Began	D P.M.	D P.M.	P.M.	D D A.M.	
Signature A	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES NO	YES NO	
			#2		#4	
Observation Date: March 31 2009	Drainage Location Description	No storm water discharge	No storm water discharge	No storm water discharge		
Observers Name Kcn, Vosc	Observation Time	P.W.	D P.M.	D P.M.	□ P.M.	
Title Project Manager	Time Discharge Began	DOD.M.	D P.W.	DO P.M.	D □ A.M.	
Signature Aulus	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES 🗌 NO 🗍	YES NO	
CE		#1	#2	#3	7	
Observation Date: April 30 2009	Drainage Location Description	No storm water discharge	No storm water discharge	No storm water discharge		
Observers Name Kep Vose	Observation Time	P.M.	P.M.	D P.M.	D P.M.	
True Project Manager	Time Discharoe Bedan	D P.M.	D.M.	P.M.	D P.M.	
Signature // W	Were Pollutants Observed (If yes, complete reverse side)	YES NO	YES NO	YES 🔲 NO 🗀	YES NO	
0,0		#	7,4	#3	7#	
Observation Date: May 29 2009	Drainage Location Description	No storm water discharge	No storm water discharge	No storm water discharge		
Observers Name Kcp Yosc	Observation Time	P.M.	D P.M.	P.M.	P.M.	
Title Project Manager	Time Discharge Began	DA.M.	D P.M.	OO AW.	A A M.	
Signature (Au)	Were Pollutants Observed (if yes, complete reverse side)	YES NO	YES NO	YES NO	YES ON O	

FORM 4-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

VISED OR NEW R DATE OF	200							
DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPI EMENTATION				24				
IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.							
DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.							
DRAINAGE AREA DESCRIPTION	EXAMPLE: Discharge from material storage Area #2	3				200		
DATE/TIME OF OBSERVATION	(From Keverse Side)		- AM	AM PM	AM DM	1	OO AM	AM DM

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION						5
IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.					
DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining, containing floating objects or an oil sheen, has odors, etc.		,			
DRAINAGE AREA DESCRIPTION	EXAMPLE: Discharge from material storage Area #2					
DATE/TIME OF OBSERVATION (From Reverse Side)		D AM	D AM	D AM	□□ MM M	□□ MW

ANNUAL REPORT

SIDEA

SIGNATURE;

Project Manager

TITLE:

INSPECTOR NAME: Ken Vose

EVALUATION DATE: 6-12-09

FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

Describe additional/revised BMPs or corrective actions and their date(s) of Describe additional/revised BMPs or corrective actions and their date(s) of Describe additional/revised BMPs or corrective actions and their date(s) of Describe additional/revised BMPs or corrective actions and their date(s) of implementation implementation implementation implementation Describe deficiencies in BMPs or BMP implementation implementation implementation Implementation question, complete the next two columns of this form question, complete the next two columns of this form question, complete question, complete columns of this form columns of this form If yes, to either If yes, to either If yes, to either If yes, to either the next two the next two VES X NO N YES YES VES NO VES NO NO ES VES No S X VES HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? ARE ADDITIONAL/REVISED BMPs NECESSARY? ARE ADDITIONAL/REVISED BMPs NECESSARY? ARE ADDITIONAL/REVISED BMPs NECESSARY? ARE ADDITIONAL/REVISED BMPs NECESSARY? POTENTIAL POLLUTANT SOURCEMNDUSTRIAL ACTIVITY AREA SOURCE/INDUSTRIAL ACTIVITY AREA SOURCEJINDUSTRIAL ACTIVITY AREA SOURCE/INDUSTRIAL ACTIVITY AREA 4.3 Loading and unloading activities. 4.4 Vehicular movement and soil 4.1 Groundwater extraction, 4.2 Groundwater treatment conveyance and injection. (as identified in your SWPPP) erosion.

SIDE B

/	1/2
	77
CE EVALUATION	SIGNATURE:
Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION FENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS	TITLE: Project Manager
FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUAT POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS	NSPECTOR NAME: Ken Vose
L.	EVALUATION DATE: 6-12-09

Describe additional/revised BMPs or corrective actions and their date(s) of implementation		Describe additional/revised BMPs or corrective actions and their date(s) of implementation		Describe additional/revised BMPs or corrective actions and their date(s) of implementation		Describe additional/revised BMPs or corrective actions and their date(s) of Implementation	
Describe deficiencies in BMPs or BMP implementation		Describe deficiencies in BMPs or BMP implementation		Describe deficiencies in BMPs or BMP implementation		Describe deficiencies in BMPs or BMP implementation	
If yes, to either question. complete the next two	columns of this form	If yes, to either question, complete the next two	columns of this form	If yes, to either question, complete the next two	columns of this form	If yes, to either question, complete the next two	columns of this form
X NO	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	X NO	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NO YES	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	X ⊢ NO	YES
HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	HAVE ANY BMPS NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) 4.5 Management of lab sink waste.		POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) 4.6 Management of emergency generator.		POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) 4.7 Incidental equipment maintenance.		POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) 4.8 Management of septic tank waste.	

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION, POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

SIGNATURE TITLE: Project Manager INSPECTOR NAME: Ken Vose EVALUATION DATE: 6-12-09

Describe additional/revised BMPs or corrective actions and their date(s) of implementation		Describe additional/revised BMPs or corrective actions and their date(s) of implementation		Describe additional/revised BMPs or corrective actions and their date(s) of implementation		Describe additional/revised BMPs or corrective actions and their date(s) of implementation	
Describe deficiencies in BMPs or BMP implementation		Describe deficiencies in BMPs or BMP implementation		Describe deficiencies in BMPs or BMP implementation		Describe deficiencies in BMPs or BMP implementation	
If yes, to either question, complete the next two	columns of this form	If yes, to either question, complete the next two	columns of this form	If yes, to either question, complete the next two	columns of this form	If yes, to either question, complete the next two	columns of this form
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	□ ves	NO	YES	NO	NO C	YES	□ YES
HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	ARE ADDITIONAL/REVISED BMPs NECESSARY?
SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) 4.9 Non-storm water discharge		POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)		POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)		POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	

PG&E Topock Interim Measures No. 3

Groundwater Treatment System, WDID No. 7 36I 019443

Attachment A

Response Explanations for "NO" Answers for Questions E.1, E.2, E.5-E.7, E.9, E.10.c, and G.1:

- **E.1 –** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site, including no discharge from the storm water discharge locations identified in the SWPPP.
- **E.2 -** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site, including no discharge from the storm water discharge locations identified in the SWPPP.
- **E.5** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site, including no discharge from the storm water discharge locations identified in the SWPPP.
- **E.6** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site, including no discharge from the storm water discharge locations identified in the SWPPP.
- **E.7 -** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site, including no discharge from the storm water discharge locations identified in the SWPPP.
- **E.9 There were no storage of storm water discharges either temporary or contained.** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site including no discharge from the storm water discharge locations identified in the SWPPP.
- **E.10.c** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site, including no discharge from the storm water discharge locations identified in the SWPPP.
- **G.1** No storm events occurred during the October 1, 2008 through May 31, 2009 wet season that caused discharge from the site, including no discharge from the storm water discharge locations identified in the SWPPP.

Eligible storm events that <u>did not</u> result in a storm water discharge see Attachment B.

PG&E Topock Interim Measures No. 3 Groundwater Treatment System, WDID No. 7 36I 019443 <u>Attachment B</u>

Storm Events, During October 1, 2008 to May 31, 2009 Wet Season

		RAINFALL	Discharge	
DATE	TIME	AMOUNT (inches)	Observed? (Yes/No)	NAME & TITLE
October 2008 did not have any eligible		, ,	,	
storm water events			No	Ken Vose, Plant Manager
Nov. 26, 2008	12:00 PM	0.10"	No	John Deetz, Industrial Technician
Dec. 8, 2008	2:00 AM	0.10"	No	James Quinn, Industrial Technician
Dec. 16, 2008	2:00 AM	0.25"	No	Eric Yocom, Industrial Technician
Dec. 18, 2008	2:00 AM	1.75"	No	Eric Yocom, Industrial Technician
Dec. 25, 2008	2:00 AM	0.125"	No	Eric Yocom, Industrial Technician
January 2009 did not have any eligible				
storm water events			No	Ken Vose, Plant Manager
Feb. 8 2009	10:00 AM	1.00"	No	Joe Aide, Industrial Technician
Feb. 9, 2009	2:00 AM	1.25"	No	Eric Yocom, Industrial Technician
Feb. 9, 2009	1:45 PM	0.25"	No	Chris Knight, Industrial Technician
Feb. 9, 2009	5:30 PM	0.25"	No	Ron Phelps, Industrial Technician
Feb. 9, 2009	11:45 PM	0.75"	No	Eric Yocom, Industrial Technician
March 2009 did not have any eligible				
storm water events			No	Ken Vose, Plant Manager
April 2009 did not have any eligible storm				
water events			No	Ken Vose, Plant Manager
May 2009 did not have any eligible storm				
water events			No	Ken Vose, Plant Manager