DOCKETED

Docket Number:	97-AFC-01C
Project Title:	High Desert Power Plant (COMPLIANCE)
TN #:	206295
Document Title:	Record of Conversation between CEC Staff and city of Victorville
Description:	ROC for email communication between Energy Commission staff and city of Victorville regarding pump test results at Victor Valley Wastewater Reclamation Authority's treatment plant
Filer:	AbdelKarim Abulaban
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	10/7/2015 12:55:20 PM
Docketed Date:	10/7/2015

CALIFORNIA ENERGY COMMISSION

REPORT OF CONVERSATION

Siting and Environmental Protection Division

		FILE: (97-AFC-1C)	
		PROJECT TITLE: High Desert Power Project	
☐ **Telephone**		☒ **Meeting Location:** E-mail communication	
NAME:	Abdel-Karim Abulaban	**DATE:** 9/23/2015	**TIME:** 4:07 p.m.
WITH:	City of Victorville		
SUBJECT:	Results of pump test at VVWRA treatment plant		

High Desert Power Project owner stated in the recycled water feasibility report (TN # 203306) submitted to the Energy Commission in November 2014 that one of the reasons the power project cannot rely on recycled water for its operations is that the supplier of the recycled water does not have adequate pumping capacity to deliver the recycled water at the peak rate needed by the project. A pump test was conducted at the Victor Valley Wastewater Reclamation Authority's (VVWRA) treatment plant at the request of the city of Victorville to determine the capacity of the pump station at the VVWRA plant for delivering recycled water to HDPP. The pump test was done in June 2015. Results of the pump test were shared with Energy Commission staff via the attached e-mail from Steve Ashton, water supply manager at the city of Victorville.

cc:	**Signed:**
	Name: Abdel-Karim Abulaban

Attachment: Email from Steve Ashton, water supply manager at city of Victorville

From: Steve Ashton [mailto:SAshton@CI.VICTORVILLE.CA.US]
Sent: Wednesday, September 23, 2015 4:07 PM
To: Abulaban, Abdel-Karim@Energy
Subject: VVWRA Pump Test

Hello Mr. Abulaban,

Is the test information below what you are referring to regarding data that Sean McGlade sent to you?

The Test results are as follows:

9:46 – VVWRA Booster Station Pressure 97.36 PSI
9:52 – Turned on Booster 1 at 95% and flow was at 2050 gpm with a 139 PSI
9:58 – Turned on Booster 2 at 60% and flow was at 2080 gpm with a 139 PSI
10:03 – Increased frequency of pump 2 to 80% and flow was at 2485 with a 149 PSI
10:06 – Increased frequency of pump 2 to 90% and flow was at 2850 with a 159.9 PSI
10:12 – Decreased frequency of pump 2 to 70% and flow was the same as when we had it at 60% (we considered this scenario to find the pumps initial movement of water)
10:14 – Increased frequency of pump 2 back to 90% and flow remained steady at 2850 with a 159.9 PSI (We decided that this would be the maximum flow considering the 160 PSI at 90%)

Steven Ashton
Water Supply Manager
760.955.2482 | 760.559.8170
PUBLIC WORKS DEPARTMENT
ENGINEERING | PUBLIC WORKS | UTILITIES | WATER