Naval Complex Long Beach
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CH2M HILL TELEPHONE CONVERSATION RECORD

N68311.000573
NAVSTA LONG BEACH
SSIC #5090.3

CALL TO David Johns
Southern California Edison

PHONE NO. 818/302-8760

DATE 12/28/92

CALL FROM Jeff Friedman

TIME 930 ☒ AM ☐ PM

MESSAGE TAKEN BY

PROJECT NO. LAO 7147.148.R

SUBJECT SCE Long Beach De-watering system.

The present system pumps ≈ 300 gpm from ≈ 200 well points. New System (which will start-up in the next two weeks) is expected to be able to pump up to ≈ 6000 gpm (from ≈ 210 wells (30 gpm / well point); however operationally, they will be pumping only 500 - 750 gpm (2-3 gpm / well point). The well points are approximately 25-feet deep with screens surrounded with gravel pack. The wells are pumped by a vacuum system manifolded together. The water is pumped through an oil/water separator then into a retention basin (50' x 100' x 8') lined with HDP. The water is then pumped into the Bay under NPDES permit. This new system is the third de-water system constructed by SCE. The first system started pumping in early 1940s. The next system started in early 1970s (≈ 1972). SCE has done some GW modeling to estimate the area of influence of their new system. They also have land surface contour maps. We need to contact Jerry McNay to get this. According to David, the depth to water beneath the facility varies from above grade to a few feet below g.s.

FORM 4

CH2M HILL *TELEPHONE CONVERSATION RECORD*

CALL TO _____ PHONE NO. _____

_____ DATE _____

CALL FROM _____ TIME _____ ☐ AM ☐ PM

MESSAGE TAKEN BY _____ PROJECT NO. _____

SUBJECT _____

The new de-water system is basically the same as presented in the 1978 As-built drawings provided to us by Mark Pumford.

One additional note, it is SCE desire to lower the water to ~~x~~ 8 to 10 feet below ground surface.

FORM 4