Docket Optical System - Step-Out Sampling Results, SJS1&2, Coalinga

From: <Robert_Scott@URSCorp.com>
To: "Maria Gillette" <MGillett@dtsc.ca.gov>, <Etownsen@energy.state.ca.us>
Date: 12/10/2009 4:47 PM
Subject: Step-Out Sampling Results, SJS1&2, Coalinga
CC: <Anne_Runnalls@URSCorp.com>, Elizabeth Ingram <Elizabeth.Ingram@spinnakerenergy.net>, <fmiller@energy.state.ca.us>
Attachments: Step-out Sample Results.PDF

Hi Maria,

I have received the results of step-out sampling for the former oil well area (AOC 1) and the 80-acre area historically used for agriculture (AOC 3) and wanted to share them with you. A summary is provided below and maps are attached.

AOC 1: Based on the arsenic results, there are concentrations in the step outs that are above 25 mg/kg particularly in the vicinity of SJS-01-12 and -13, and SJS-01-16 (points are highlighted in yellow). PAHs were not present above the commercial/industrial CHHSLs for the step outs analyzed for PAHs.

AOC 3: None of the step outs contained toxaphene above the commercial/industrial CHHSL of 1,800 ug/kg.

Once you have had a chance to review the results, I would like to have a conference call to discuss some time soon. Thanks!

(See attached file: Step-out Sample Results.PDF)

DOCKET
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Bob Scott, PG, CHg
Vice President
URS Corporation
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108
619.294.9400
fax: 619.293.7920

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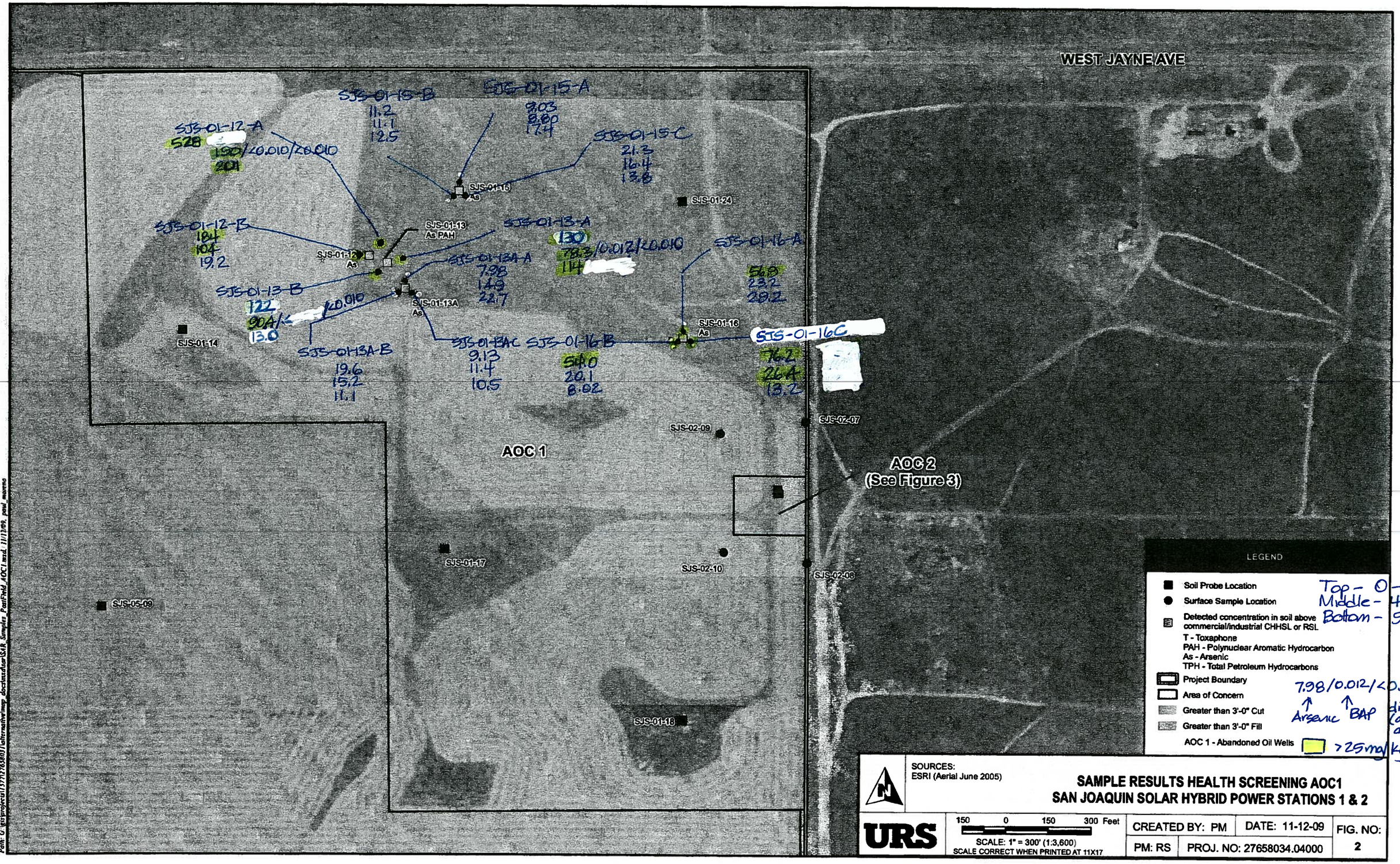
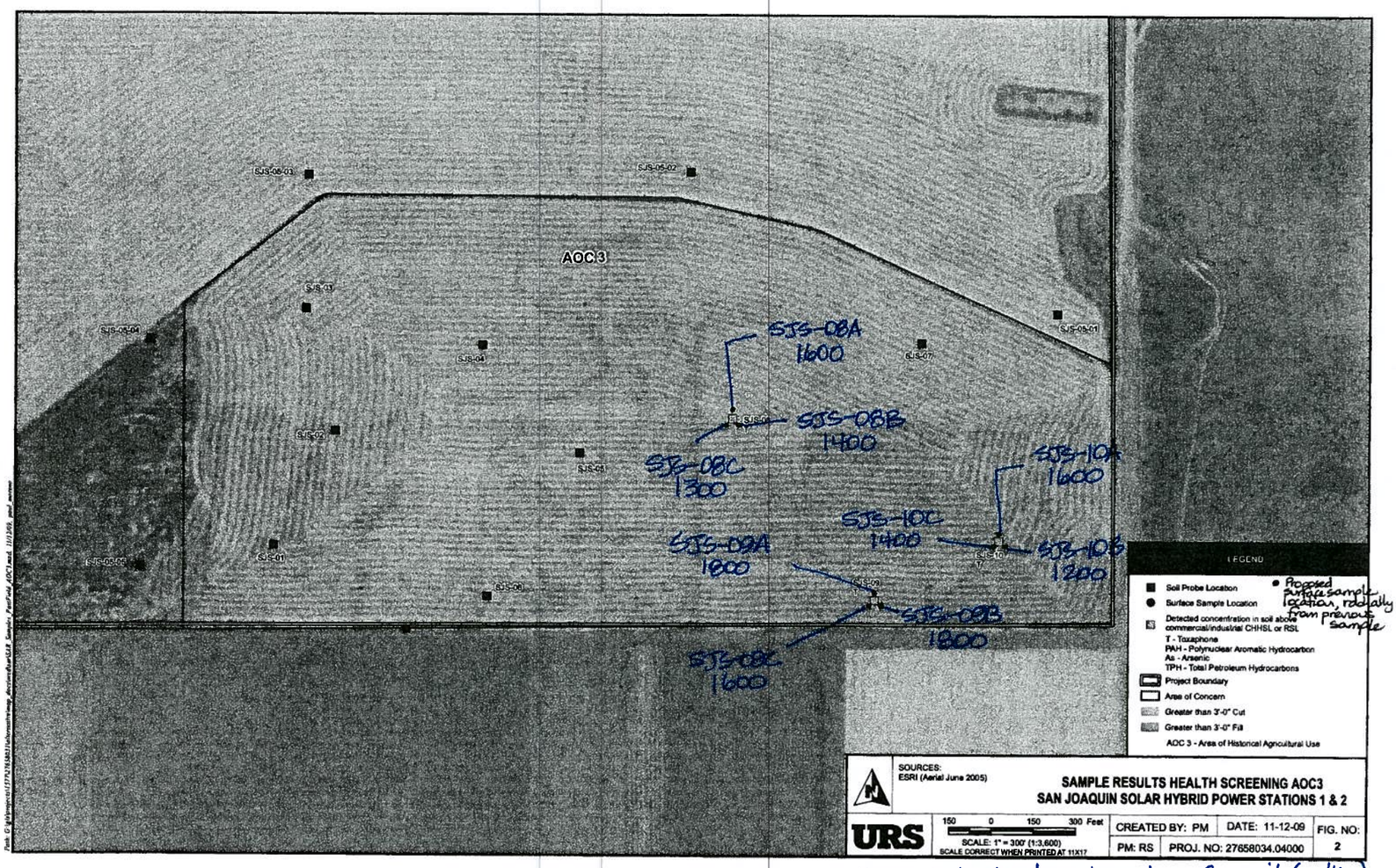

WEST JAYNE AVE
SJS-01-15-B
11.2
11.1
12.5
SJS-01-15-A
9.03
8.60
17.4
SJS-01-12-A
528
190/<0.010/<0.010
201
SJS-01-15-C
21.3
16.4
13.8
SJS-01-13
As
SJS-01-24
SJS-01-12-B
184
104
19.2
SJS-01-13
As PAH
SJS-01-13-A
130
78.3/0.012/<0.010
114
SJS-01-12
As
SJS-01-13A-A
7.98
14.9
22.7
SJS-01-16-A
56.8
23.2
29.2
SJS-01-13-B
122
90.4/<0.010
13.0
SJS-01-13A
As
SJS-01-16
As
SJS-01-16C
76.2
26.4
13.2
SJS-01-14
SJS-01-13A-B
19.6
15.2
11.1
SJS-01-13A-C
9.13
11.4
10.5
SJS-01-16-B
54.0
20.1
8.02
SJS-02-09
SJS-02-07
AOC 1
AOC 2
(See Figure 3)
SJS-01-17
SJS-02-10
SJS-02-08
SJS-05-09
SJS-01-18
LEGEND
Soil Probe Location
Surface Sample Location
Detected concentration in soil above commercial/industrial CHHSL or RSL
T - Toxaphone
PAH - Polynuclear Aromatic Hydrocarbon
As - Arsenic
TPH - Total Petroleum Hydrocarbons
Project Boundary
Area of Concern
Greater than 3'-0" Cut
Greater than 3'-0" Fill
AOC 1 - Abandoned Oil Wells
Top - 0-1'
Middle - 4-5
Bottom - 9-10
7.98/0.012/<0.010
Arsenic
BAP
dibenz (a,h) anthra
>25mg/kg
SOURCES:
ESRI (Aerial June 2005)
SAMPLE RESULTS HEALTH SCREENING AOC1
SAN JOAQUIN SOLAR HYBRID POWER STATIONS 1 & 2
URS
150 0 150 300 Feet
SCALE: 1" = 300' (1:3,600)
SCALE CORRECT WHEN PRINTED AT 11X17
CREATED BY: PM
DATE: 11-12-09
FIG. NO: 2
PM: RS
PROJ. NO: 27658034.04000



1600- Indicates toxaphene in surface soil (ug/kg)
(None are above commercial/industrial CHHSL of 1800 µg/kg)