SRK Consulting
Engineers and Scientists

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October 18, 1999
SRK Project No. 89301

Log #
FIB01 = 106357
FIB02 = 106358
FIB03 = 106359
FIB04 = 106360

State of Nevada
Department of Conservation and Natural Resources
Division of Water Resources
123 W. Nye Lane
Carson City, Nevada 89710

ATTN: Mr. Tom Gallagher

RE: **NOTIFICATION OF ABANDONMENT OF FIVE (5) GROUNDWATER MONITORING WELLS AT DESERT CAB PROPERTY, 90 WEST OAKEY BOULEVARD, LAS VEGAS, NEVADA.**

MWDC = 106361

Dear Mr. Gallagher:

On behalf the property owner Brown and Forsythe, SRK Consulting is providing notification to the State of Nevada – Division of Water Resources (DWR) regarding the permanent abandonment of five groundwater monitoring wells at the above referenced site (one well on the subject property and four wells on an adjacent property formerly occupied by a banking branch of Wells Fargo Bank). The wells were utilized for groundwater monitoring of hydrocarbon contamination, and the wells were abandoned after it had been determined by the State of Nevada Division of Environmental Protection (NDEP) in a correspondence dated August 12, 1999 that no further environmental action with respect to petroleum hydrocarbon fuel contamination would be required at the site.

The Nevada Licensed Well Driller, *Eagle Drilling Services, LLC*, will or has provided original copies of the Well Driller's Report to DWR as required by applicable provisions of Nevada Administrative Code (NAC) 534. In addition, this correspondence supplements the Well Driller's Report (attached) regarding well abandonment as detailed below.

1. Location of the five wells by public survey is NW1/4 of the SW1/4 of Section 3, T21S, R61E, Mount Diablo Base and Meridian.
2. Original monitoring well installation was performed in 1995 under Monitoring Well Waiver #MO-2650.
3. As shown on Figure 1 (attached), four of the wells are located on property owned by Wells Fargo Bank, N.A. at 1700 South Main Street and one well is located on property owned by Desert Cab Company at 90 West Oakey Boulevard. Both properties are located in Las Vegas.
4. The approximate depth to water in each well prior to plugging ranged from 8.5 to 9.5 feet below ground surface (bgs).

Group Offices in:
Australia
North America
Southern Africa
South America
United Kingdom

North American Offices:
Denver 303.985.1333
Elko 775.753.4151
Fort Collins 970.226.3535
Tucson 520.544.3688
Vancouver 604.681.4196

5. The plugging depth of each well was equal to the original depth of each well ranging from approximately 17.5 to 21.5 feet bgs as indicated on Figure 1.
6. Well abandonment consisted of removing the 2- to 4-inch diameter PVC casing in each well and filling each boring annulus with cement grout from each total well depth to the ground surface. The grout seal was formed flush with the ground surface.
7. The abandonment activities were performed on September 1, 1999 by *Eagle Drilling Services, LLC* of Las Vegas, Nevada, with coordination and observations made by an SRK field engineer.

In conclusion, this submittal documents the plugging and abandonment procedures completed for the five monitoring wells located on the subject properties. No other regulatory commitments or permits are known to exist at this time for the Desert Cab property with respect to groundwater monitoring or environmental characterization at the site.

Should you have any questions regarding this correspondence, please contact us at your convenience.

Required NRS 459.500 Jurat:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations, and ordinances.

The use of the word "certify" in this document constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification and does not constitute a warranty or guarantee, either expressed or implied.

Respectfully submitted,
STEFFEN ROBERTSON AND KIRSTEN (U.S.), INC.

David Li, E.I.T.
Project Professional

Peter R. Kraatz, P.E., C.E.M., Senior Engineer
Certified Environmental Engineer No. EM-1366
Date: 10-18-99

Attachments: Well Driller's Report
Figure 1 – Site Plan showing closed well locations

cc w/attachments: Brown & Forsythe, c/o Mr. Ted Forsythe, 1400 Copper Point Circle, Reno, NV 89509
Robert E. Thompson, Drilling Supervisor, NDWR, Las Vegas, NV
Todd J. Croft, Bureau of Corrective Actions, NDEP, Las Vegas, NV
Hayden Bridwell, UST & Petroleum Claims Branch, Bureau of Corrective Actions, NDEP, Carson City, NV 89710
Joseph L. Montoya, Building Analytics, 528 State Street, Glendale, CA 91203
Arthur S. Barbour, Wells Fargo Bank, Corporate Properties Group, 633 Folsom Street, 6th Floor, San Francisco, CA 94107
Ronald W. Nelson, Lillick & Charles, LLP, Two Embarcadero Center, San Francisco, CA 94111-3996

WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 106
Permit No.
Basin 212

NOTICE OF INTENT NO. 17691

1. OWNER SRK Engineers & Scientists
MAILING ADDRESS 5250 Neil Rd Suite 300 Reno Nevada
ADDRESS AT WELL LOCATION 90 West Oakey Blvd Las Vegas Nevada.

2. LOCATION NW ¼ SW ¼ Sec. 3 T. 21 N/S R. 61 E. County
PERMIT NO. MO-2650 (Issued by Water Resources) | Parcel No. | Subdivision Name

3. WORK PERFORMED
☐ New Well ☐ Replace ☐ Recondition
☐ Deepen ☑ Abandon ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☑ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
remove/pull casing		0		20'
Abandon Hole with neat cement grout to surface remove well box + cement level to grade				
Work performed with a mobile B-90 drill rig using auger to drill out casing.				
5 wells				
FIB 01				
FIB 02				
FIB 03				
FIB 04				
MWDC — 90 W Oakey				

1700 S. Main St

Date started 9/1/, 19 99
Date completed 9/1/, 19 99

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION
Depth Drilled ____ Feet Depth Cased ____ Feet

HOLE DIAMETER (BIT SIZE)

	From	To
Inches	Feet	Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type perforation
Size perforation
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet

Surface Seal: ☐ Yes ☐ No
Depth of Seal
Cement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☐ No
From ____ feet to ____ feet

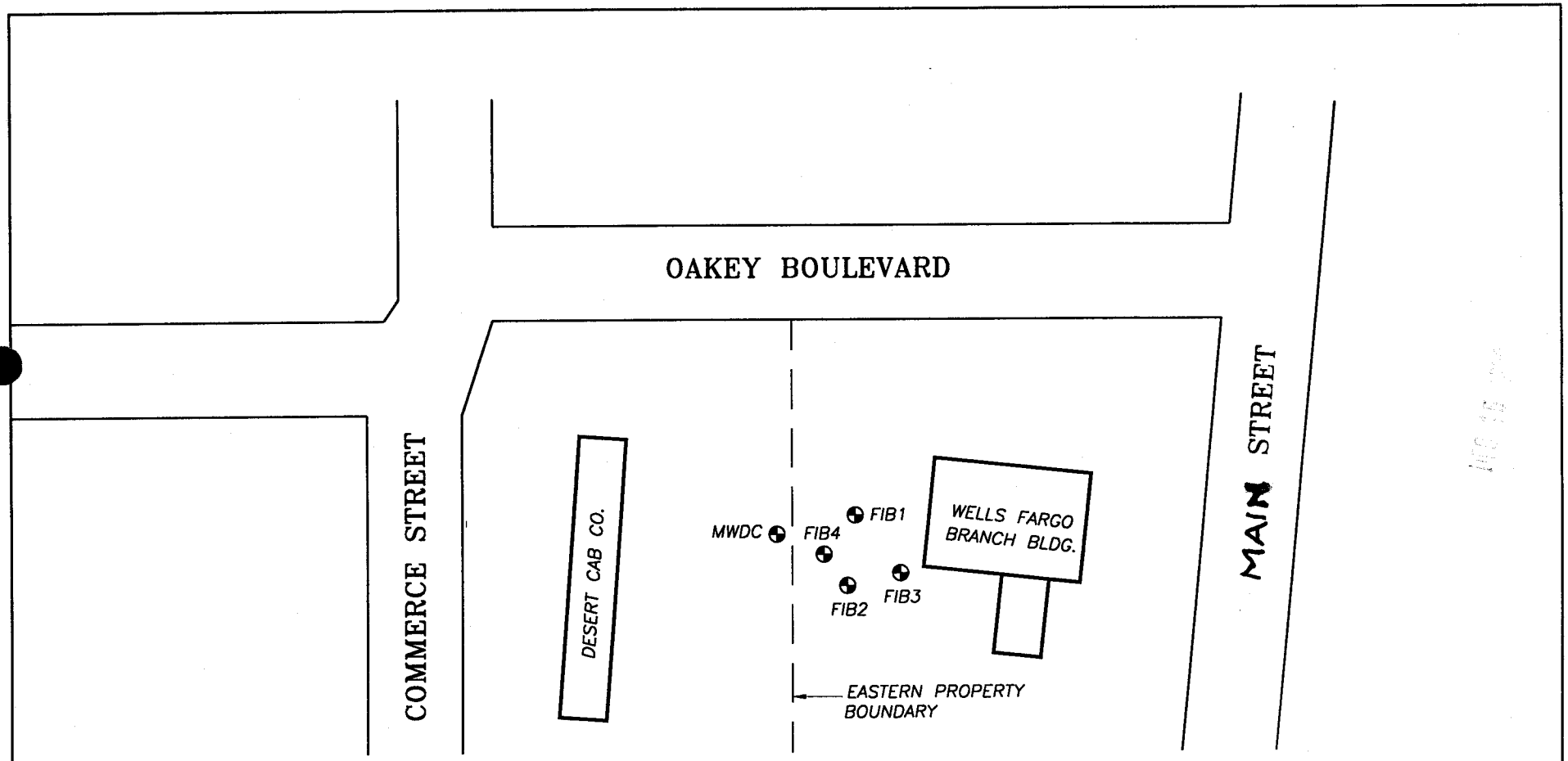
9. WATER LEVEL
Static water level ____ feet below land surface
Artesian flow ____ G.P.M. ____ P.S.I.
Water temperature ____ °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Geotechnical & Env. Services (Contractor)
Address 7560 W. Sahara Las Vegas Nevada 89117. (Contractor)
Nevada contractor's license number issued by the State Contractor's Board Exempt Engineer
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2044
Signed (By driller performing actual drilling on site or contractor)
Date 9/4/99

(Rev. 3-91)

USE ADDITIONAL SHEETS IF NECESSARY

(O)-627



LEGEND

FIB1 — FORMER MONITOR WELL LOCATION

PLUGGED BOREHOLE DEPTHS (bgs)

MWDC	=	17.5'
FIB1	=	20.5'
FIB2	=	20.5'
FIB3	=	19.5'
FIB4	=	21.5'

N

0 50 100
SCALE 1" =100'

REFERENCE			
DESIGNED	DL	10/99	
DRAWN	KC	10/99	
CHECKED			
APPROVED			

REVISIONS No.	DESCRIPTION	BY	DATE

FIGURE 1

SITE PLAN
-SHOWING-
PLUGGED AND ABANDONED GROUNDWATER MONITOR WELL LOCATIONS
90 WEST OAKEY BLVD.
LAS VEGAS, NEVADA

PREPARED BY:
SRK Consulting
Engineers and Scientists

SCALE: 1"=100"
REVISION A

JOB NO. 89301
DWG NAME FIG1