

UNOCAL 76

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Alameda County
Environmental Health

Walnut Creek, California
January 19, 1990

25	3072	SS	X	BP	
	QM			TRANSMITTAL	
1	2	3	4	5	6 X

*FILE
LEADS TO SALES
3072*

T. J. TOMASSO

ENVIRONMENTAL CLEAN-UP PC-03-328
 UNOCAL SERVICE STATION NO. 3072
 2445 CASTRO VALLEY BOULEVARD
 CASTRO VALLEY, CALIFORNIA

Upon removal of the existing underground storage tanks during a routine tank replacement, extensive soil and groundwater contamination were encountered. The unleaded product tank contained two small holes. Approximately 1800 cubic yards of soil has been excavated and stockpiled on-site. The soil will be aerated and disposed of at a Class III facility. The possibility exists that at least part of the contamination is migrating onto the site from an offsite source and that possibility is being investigated at this time.

CLEAN-UP RESPONSIBILITY: UNDETERMINED AT THIS TIME

TENANCY: FEE OWNED

ESTIMATED COST OF INITIAL PHASE OF REMEDIATION:

<u>DESCRIPTION</u>	<u>COST</u>
Excavate 1800 cubic yards of soil, begin aeration	\$ 33,000.00
On-site geologist	\$ 4,500.00
Soil & groundwater samples	\$ 7,500.00
Technical report/workplan	\$ 4,000.00

Total	\$ 49,000.00

S. E. HAYES

FEB 8 1990

CHRISTINA MENDOZA

FEB 08 1990

MARKETING

FEB 19 1990

GENERAL FILES

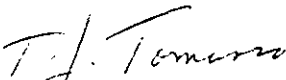
T. J. Tomasso
Environmental Clean-up PC-03-328
January 19, 1990
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Approval is requested in the amount of \$49,000.00 in order to proceed with the investigation/remediation of the site as required by the regulatory agencies. The tank replacement cannot resume until the Alameda County Health Care Services Division approves the remediation plan. An additional funding request is anticipated in order to implement the remediation plan.


R. L. FOLDA
MANAGER MAINTENANCE & CONSTRUCTION

RLE/TRR/cmd

APPROVED:



T. J. TOMASSO

cc: S. E. Hayes
R. L. McFarlane
D. H. Heil
C. C. Row
B. C. Best

MARKETING

FEB 19 1990

GENERAL FILES

UNOCAL 76

NEAR MISS (NO COST)

CLAIM NO. 1490272
LOCATION CODE 572(0)17
COST CENTER / SERV STA NO 0003072

DATE OF INCIDENT 11-20-89	TIME STARTED	TIME ENDED	DEPARTMENT / DIVISION M & C / NO. DIV. / R & M
LOCATION DESCRIPTION (NAME OF FACILITY, PLANT, LEASE, ETC.) UNOCAL SERVICE STATION NO. 3072			COST CENTER / SERV STA NO 0003072
LOCATION ADDRESS, CITY, STATE, ZIP CODE 2445 CASTRO VALLEY BLVD., CASTRO VALLEY, CA 94546			

DESCRIPTION OF OCCURRENCE (INCLUDE PROPERTY, EQUIPMENT INVOLVED, EVENTS PRECEDING AND DURING, MANNER OF CONTROL, AGE OF EQUIPMENT)
UPON REMOVAL OF THE EXISTING UNDERGROUND STORAGE TANKS DURING A ROUTINE TANK REPLACEMENT, EXTENSIVE SOIL AND GROUNDWATER CONTAMINATION WERE ENCOUNTERED. THE UNLEADED PRODUCT TANK CONTAINED TWO SMALL HOLES. APPROXIMATELY 1800 CUBIC YARDS OF SOIL HAS BEEN EXCAVATED AND STOCKPILED ON SITE. THE SOIL WILL BE AERATED AND DISPOSED OF AT A CLASS III DUMP. THE POSSIBILITY EXISTS THAT AT LEAST PART OF THE CONTAMINATION IS MIGRATING ONTO THE SITE FROM AN OFFSITE SOURCE. THAT POSSIBILITY IS BEING INVESTIGATED AT THIS TIME.

ACTION TAKEN TO PREVENT RECURRENCE AND RECOMMENDED CHANGES IN POLICY OR EQUIPMENT.

REGULATORY OR LAW ENFORCEMENT AGENCIES ADVISED:
CASTRO VALLEY FIRE DEPT.
ALAMEDA CO. HEALTH CARE SERVICES
CRUCR- S.E. BAY REGION

<input type="checkbox"/> PROBABLE CAUSE OR TYPE OF INCIDENT REQUIRES FURTHER INVESTIGATION	<input type="checkbox"/> ADDITIONAL DESCRIPTION ATTACHED
DIRECT SUPERVISOR	
OPERATOR IN CHARGE	

IN ADDITION TO THE ABOVE, COMPLETE THE FOLLOWING SECTION IF DAMAGE TO COMPANY PROPERTY WAS CAUSED BY OTHERS (3RD PARTY)

VEHICLE NO(S)	LICENSE NO	STATE	REGISTERED OWNER	PHONE
VEHICLE DESCRIPTION			ADDRESS, CITY, STATE, ZIP CODE	
DRIVER'S NAME		PHONE	VEHICLE INSURED BY	PHONE
ADDRESS, CITY, STATE, ZIP CODE			ADDRESS	
DRIVER'S LICENSE NO		STATE	POLICY OR ACCOUNT NO	
DRIVER'S SIGNATURE			INJURED NAME	
WITNESS			ADDRESS	
ADDRESS			AGE	NATURE OF INJURY

DIRECT INQUIRIES AND CORRESPONDENCE TO:

SIGNED TIMOTHY R. ROSS	
TITLE ENVIRONMENTAL ENGINEER	
LOCATION WALNUT CREEK	
DATE 1-18-90	PHONE NET: 355-2253

MARKETING

FEB 19 1990

GENERAL FILES

COMPLETE THE FOLLOWING: ENTER CODE NUMBER MOST APPROPRIATE EXPLANATION IN BOX AT THE RIGHT EACH SECTION. (ENTER ONE CODE FOR EACH SECTION)

TYPE OF PROPERTY / FACILITY

- 101 = MINING FACILITY
- 102 = REFINERY
- 103 = BULK PLANT
- 104 = CHEMICAL PLANT
- 105 = TERMINAL
- 107 = FERTILIZER PLANT
- 108 = SERVICE STATION
- 109 = AUTO/TRUCKSTOP
- 110 = POLYMER FACILITY
- 111 = AIRCRAFT
- 112 = GAS PLANT
- 113 = ONSHORE LEASE
- 114 = OFFSHORE PLATFORM
- 116 = PIPELINE PUMP STATION

- 117 = LUBE PLANT
- 118 = ORE PROCESSING FACILITY
- 120 = PIPELINE
- 121 = RESEARCH CENTER
- 122 = OFFICE BUILDING
- 123 = FIELD STORAGE YARD (O&G)
- 124 = WAREHOUSE

- 125 = OFFSITE
- 127 = UNOCAL CENTER
- 143 = BARGE
- 199 = OTHER

108

TYPE OF INCIDENT

- 201 = FIRE/EXPLOSION
- 202 = LIGHTNING
- 203 = WINDSTORM
- 204 = VEHICLE (3RD PARTY)
- 205 = PIER DAMAGE BY VESSEL
- 206 = MACHINERY FAILURE
- 207 = ELECTRICAL
- 208 = PRODUCT MISDELIVERY
- 209 = CONTAMINATION
- 210 = SPILL—OUTSIDE FACILITY
- 211 = SPILL—INSIDE FACILITY
- 212 = ENVIRONMENTAL EMISSION
- 213 = PROPERTY DAMAGE-OTHER
- 214 = WATER QUALITY CONTROL

- 215 = POTENTIAL FIRE
- 220 = EMPLOYEE FIDELITY
- 221 = THEFT
- 222 = ARMED ROBBERY
- 223 = FLOOD
- 224 = EQUIP. DAMAGE/LOSS
- 225 = ICE/SNOW/RAIN

- 227 = LEAK: LINE, TANK, ETC.
- 228 = WELL BLOWOUT
- 299 = OTHER

209

PROBABLE CAUSE OF INCIDENT

- 301 = DESIGN
- 302 = INSTRUMENTATION
- 303 = PROCEDURE-NOT FOLLOWED
- 304 = PROCEDURE—INADEQUATE
- 305 = PROCEDURE—NOT AVAILABLE
- 306 = MECHANICAL MAINT
- 307 = ELECTRICAL MAINT
- 308 = INSTRUMENT MAINT
- 309 = HOUSEKEEPING
- 310 = CORROSION
- 311 = PIPE/WELDING FAILURE
- 312 = UTILITY FAILURE
- 313 = NATURAL DISASTER
- 314 = CAUSE BEYOND CONTROL
- 315 = HUMAN ERROR
- 316 = ELECT. SHORT CIRCUIT
- 317 = AUTO CONTROL FAILURE
- 318 = BEARING/SEAL FAILURE

- 319 = DAMAGE BY OTHERS
- 320 = FREEZING/ICE/SNOW
- 321 = WEATHER
- 322 = LACK OF CONTAINMENT
- 326 = POLLUTION CONTROL EQUIPMENT FAILURE
- 327 = MACH./EQUIP. MALFUNCTION
- 328 = CRIMINAL ACT
- 329 = SUSPECTED DRUG/ALCOHOL ABUSE

- 330 = ARSON
 - 331 = VANDALISM
 - 332 = SABOTAGE
 - 399 = OTHER
- HOLE IN UNL
TANK, POSSIBLE OFF-
SITE SOURCE

309

SPECIFIC FACILITY COMPONENT/EQUIPMENT INITIALLY INVOLVED

- 401 = TANKAGE
- 402 = BUILDING
- 403 = PROCESS UNIT
- 404 = PIPELINE
- 405 = TRUCK LOADING RACK
- 406 = AMMONIA MFG. MACH & EQUIP.
- 407 = UREA MFG. MACH & EQUIP.
- 408 = WASTE DISPOSAL FACILITY
- 409 = PUMPING EQUIP.
- 410 = TANK CAR LOADING RACK
- 411 = TANKER/BARGE LOADING
- 412 = TANK TRUCK, TRAILER
- 413 = WAREHOUSE
- 414 = TANK CAR
- 415 = VEHICLE
- 416 = AIRCRAFT REFUELER
- 417 = SERV. STA. PUMP
- 418 = SERV. STA. CANOPY
- 419 = SIGNS
- 420 = ROTATING/MOVING EQUIP.
- 421 = AIRCRAFT
- 422 = WELL
- 423 = OIL TREATER
- 424 = COMPRESSOR
- 425 = DRILLING RIG
- 426 = AUTO CUSTODY

- 427 = FERTILIZER MACH & EQUIP.
- 428 = LABORATORY
- 429 = SEPARATOR
- 430 = PIER/DOCK/WHARF
- 431 = HOT MELT MFG. MACH & EQUIP.
- 432 = POLYMER MFG. MACH & EQUIP.
- 433 = CRANE
- 434 = OFFICE EQUIP.
- 435 = LIGHTS & LIGHT POLES
- 436 = SER. STA. EQUIP. (NOT PUMPS)
- 437 = TBAL/MONEY
- 438 = PARKING AREAS, DRIVEWAYS, ETC.
- 439 = PERSONAL PROPERTY

- 440 = EQUIPMENT/MATERIALS/TOOLS
- 441 = TANK ROOFS; SUNK/HUNG UP
- 442 = SCRUBBER
- 443 = FENCES, SHRUBBERY, ETC.
- 444 = VAPOR RECOVERY UNIT
- 445 = BAGHOUSE
- 448 = CONTRACT CARRIER
- 449 = TOTAL LOSS OF FACILITY
- 499 = OTHER

401

PHASE OF OPERATIONS AT TIME OF INCIDENT

- 501 = TURNAROUND
- 502 = NORMAL OPERATION
- 503 = SHUTTING DOWN
- 504 = MAINT. REPAIRS
- 505 = LOADING/FILLING
- 506 = UNLOADING
- 507 = CLOSED/IDLE
- 508 = BLENDING
- 509 = CONSTRUCTION
- 510 = DRILLING/WORKOVER

- 511 = TEMPORARY OPERATION
- 512 = WATER DRAW-OFF
- 514 = START UP
- 515 = UNATTENDED
- 517 = TESTING

- 599 = OTHER

509

COMMODITY OR CONTAMINANT INVOLVED

- 601 = NOT APPLICABLE
- 602 = CRUDE/CONDENSATE
- 603 = LPG/PROPANE
- 604 = GASOLINE
- 605 = JET FUEL
- 606 = KEROSENE
- 607 = HEATING OIL/DIESEL
- 608 = LNG
- 609 = LUBES
- 610 = NATURAL GAS
- 611 = FERTILIZER
- 612 = WELL BRINE
- 613 = SOLVENTS
- 614 = CHEMICALS
- 615 = HYDROGEN
- 616 = CAUSTIC
- 617 = HERBICIDES
- 618 = PESTICIDES

- 619 = HYDROGEN SULPHIDE
- 620 = REFORMATE
- 621 = FEEDSTOCK
- 622 = VAPORS
- 625 = WAX
- 626 = GREASE
- 628 = HAZARDOUS WASTE
- 629 = WATER/WASTE WATER
- 632 = SMOKE EMISSIONS

- 634 = DUST
- 635 = TAILINGS
- 636 = ORES
- 650 = AMMONIA
- 651 = UREA
- 699 = OTHER

604

PROBABLE SOURCE OF COMMODITY OR CONTAMINANT INVOLVED

- 701 = NOT APPLICABLE
- 702 = EQUIPMENT FAILURE OR DAMAGE
- 703 = EQUIPMENT LEAKAGE
- 704 = SAFETY DEVICE (E.G. RELIEF VALVE)
- 705 = HUMAN ERROR
- 706 = VANDALISM, SABOTAGE
- 707 = IMPROPER USE OF HYDROCARBONS
- 708 = OUTSIDE SOURCE
- 709 = UNKNOWN

- 799 = OTHER

709

FOR FIRES — PROBABLE SOURCE OF IGNITION OR MOST PROBABLE SOURCE

- 801 = NOT APPLICABLE
- 802 = HOT SURFACE
- 803 = WELDING, CUTTING
- 804 = FLARE
- 805 = OPEN FLAME
- 806 = MATCH, SMOKING, ETC.
- 807 = LIGHTING
- 808 = STATIC ELECTRICITY
- 809 = FRICTION
- 810 = SPONTANEOUS IGNITION
- 811 = SPONTANEOUS AUTO IGNITION
- 812 = ELECTRICAL
- 813 = COLLISION
- 814 = VANDALISM, SABOTAGE
- 815 = SPREAD FROM OUTSIDE
- 816 = CHEMICAL REACTION
- 817 = COMPRESSION IGNITION
- 818 = UNKNOWN

- 819 = ENGINES
- 899 = OTHER

801

COST MUST REFLECT

UNOCAL'S WORKING INTEREST _____% FINAL COST ESTIMATED COST (ADVISE FINAL COST AS SOON AS POSSIBLE)

1. REPLACEMENT/REPAIR COST OF DAMAGE TO COMPANY-OWNED PROPERTY OR EQUIPMENT	\$	
2. COST OF LOST PRODUCT	\$	
3. ENVIRONMENTAL LOSS COST: CLEAN-UP	\$	49,000.00
4. ENVIRONMENTAL LOSS COST: FINES	\$	
5. COST FOR MISDELIVERY/CONTAMINATION (RECLAMATION, CHARGE-OFF, ETC.)	\$	
TOTAL LOSS	\$	49,000.00

6. BUSINESS INTERRUPTION/PRODUCTION LOSS COST \$ _____

QUANTITY SPILLED (IN BARRELS)

NUMBER OF INJURIES:

EMPLOYEE _____ NON EMPLOYEE _____

REPORT SUBMITTED BY (PRINT) TIM R. ROSS	NETWORK TELEPHONE 355-2253	DATE 1/18/90
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