District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

30 045 34340

OPERATOR

☐ Initial Report X☐ Final Report

Name of Company SAN JUAN RESOURCES OF COLORADO	Contact☐ Vern Andrews – WALSH ENGINEERING
Address 1499 BLAKE STREET, DENVER CO 80202	Telephone No.☐ 303-573-6333
Facility Name TECUMSEH # 1	Facility Type☐ PRODUCING WELL

Surface Owner FEE	Mineral Owner FEE	Lease No.☐ FEE

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	18	30N	11W		1975 FSL		1480 FEL	SAN JUAN

NATURE OF RELEASE

Type of Release OIL SPILL	Volume of Release 81.68 BBLS	Volume Recovered☐ NONE
Source of Release FROZEN TANK DRAIN VALVE	Date and Hour of Occurrence DECEMBER 1, 2005	Date and Hour of Discovery DECEMBER 2, 2005 @ 7:15 AM
Was Immediate Notice Given? X☐ Yes ☐ No ☐ Not Required	If YES, To Whom? MESSAGE LEFT FOR DENNY FOUST.	
By Whom? ☐ WEST HAHN	Date and Hour☐ DECEMBER 2, 2005 @ 7:40 AM	
Was a Watercourse Reached? X ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse. APPX. 450 FEET OF SURFACE WATER IN A SWAMP	

If a Watercourse was Impacted, Describe Fully.*
OIL SPILL TRAVELLED INTO A SWAMP AND COVERED ALL SURFACE WATER FOR APPROXIMATELY 450 FEET. CATTAILS AND REEDS PREVENTED THE OIL FROM IMPACTING A LARGER AREA.

Describe Cause of Problem and Remedial Action Taken.*
THE WATER DRAIN VALVE ON THE OIL TANK VALVE FROZE AND PUSHED APART CAUSING 4'-1" OF OIL TO SPILL OUT OF A 300 BARREL TANK. THE OIL SOAKED DOWN THROUGH THE SURFACE SOIL AND MIGRATED OUT INTO THE MARSHY AREA. SURFACE WATER IS ONLY 2 FEET BELOW THE WELL PAD.

Describe Area Affected and Cleanup Action Taken.*

OIL COVERED A DISTANCE OF 947 FEET TO THE SOUTHWEST OF THE OIL TANK COVERING THE SURFACE OF THE FREE WATER AND CONTAMINATING 300 YARDS OF SOIL. ALL CONTAMINATED SOIL WAS REMOVED FROM SITE AND HAULED TO INDUSTRIAL ECOSYSTEMS FOR REMEDIATION. 300 FEET OF SWAMP GRASS WAS SKIMMED AND THEN WASHED WITH TEX CHEM HE1000 TO TRY TO REMEDIATE SOIL IN PLACE. ALL FREE OIL ON WATER WAS SKIMMED AND REMOVED WITH VAC TRUCKS AND OIL ABSORBANT BOOMS AND PADS.

Final Report - After the initial cleanup effort, cold weather caused the water in the swamp to freeze over preventing further cleanup efforts. A visual inspection was conducted every two weeks until the ice melted on March 6, 2006. On March 7, five sets of oil booms were changed out downstream of the spill in the swamp and all areas affected by the spill were inspected. Two small areas appeared to have traces of hydrocarbons on the surface were cleaned up with oil absorbent pads. On March 24th Envirotech was brought to the site to sample and inspect the area affected by the spill. Composite soil samples were taken in the 'swamp grass' area of the spill that had previously been treated with Tex Chem HE1000 and two water samples were taken from the swamp/cattail area. A control water sample was taken upstream of the known entry point of the contamination. All water and soil samples came back under NMOCD and NMWQCC standards. Envirotech recommended that the site be closed with no further action required. All oil booms were removed from the site and the NMOCD and the private surface owner were verbally notified of the sample results on April 18th, 2006.

Attachments: Envirotech sampling document
Water & soil sample lab analysis
Updated Site Map

nBP0614438249

MAY 2006
RECEIVED
OIL CONS. DIV.
DIST. 3

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Vern D. Andrews	OIL CONSERVATION DIVISION
Printed Name: Vern Andrews	Approved by District Supervisor: Brandon Powell For: Charlie Perrin
Title: Production Foreman / Agent	Approval Date: / Expiration Date:
Date: 5/2/06 Phone: 505-320-1963	Conditions of Approval: / Attached ☐

* Attach Additional Sheets If Necessary

NBP 0614438249

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Walsh Engineering	Project #:	05217-001
Sample ID:	S 1	Date Reported:	03-25-06
Chain of Custody:	15754	Date Sampled:	03-24-06
Laboratory Number:	36601	Date Received:	03-24-06
Sample Matrix:	Water	Date Analyzed:	03-25-06
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**0.2**	**1**	**0.2**
Toluene	**1.4**	**1**	**0.2**
Ethylbenzene	**0.5**	**1**	**0.2**
p,m-Xylene	**3.9**	**1**	**0.2**
o-Xylene	**0.9**	**1**	**0.1**
Total BTEX	**6.9**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**100 %**
	1,4-difluorobenzene	**100 %**
	4-bromochlorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **Tecumseh #1.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Walsh Engineering	Project #:	05217-001
Sample ID:	S 2	Date Reported:	03-25-06
Chain of Custody:	15754	Date Sampled:	03-24-06
Laboratory Number:	36602	Date Received:	03-24-06
Sample Matrix:	Water	Date Analyzed:	03-25-06
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**0.3**	**1**	**0.2**
Toluene	**1.1**	**1**	**0.2**
Ethylbenzene	**0.6**	**1**	**0.2**
p,m-Xylene	**2.3**	**1**	**0.2**
o-Xylene	**0.7**	**1**	**0.1**
Total BTEX	**5.0**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**100 %**
	1,4-difluorobenzene	**100 %**
	4-bromochlorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **Tecumseh #1.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Walsh Engineering	Project #:	05217-001
Sample ID:	C 1	Date Reported:	03-25-06
Chain of Custody:	15754	Date Sampled:	03-24-06
Laboratory Number:	36603	Date Received:	03-24-06
Sample Matrix:	Water	Date Analyzed:	03-25-06
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**ND**	**1**	**0.2**
Toluene	**1.0**	**1**	**0.2**
Ethylbenzene	**0.4**	**1**	**0.2**
p,m-Xylene	**1.5**	**1**	**0.2**
o-Xylene	**0.4**	**1**	**0.1**
Total BTEX	**3.3**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**100 %**
	1,4-difluorobenzene	**100 %**
	4-bromochlorobenzene	**100 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **Tecumseh #1.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Walsh Engineering	Project #:	05217-001
Sample ID:	SL - 01	Date Reported:	03-27-06
Laboratory Number:	36599	Date Sampled:	03-24-06
Chain of Custody No:	15753	Date Received:	03-24-06
Sample Matrix:	Soil	Date Extracted:	03-24-06
Preservative:	Cool	Date Analyzed:	03-27-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**5.2**	**0.1**
Total Petroleum Hydrocarbons	**5.2**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Tecumseh #1.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Walsh Engineering	Project #:	05217-001
Sample ID:	SL - 02	Date Reported:	03-27-06
Laboratory Number:	36600	Date Sampled:	03-24-06
Chain of Custody No:	15753	Date Received:	03-24-06
Sample Matrix:	Soil	Date Extracted:	03-24-06
Preservative:	Cool	Date Analyzed:	03-27-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**2.5**	**0.1**
Total Petroleum Hydrocarbons	**2.5**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Tecumseh #1.**

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Walsh Engineering	Project #:	05217-001
Sample ID:	SL - 01	Date Reported:	03-27-06
Laboratory Number:	36599	Date Sampled:	03-24-06
Chain of Custody:	15753	Date Received:	03-24-06
Sample Matrix:	Soil	Date Analyzed:	03-27-06
Preservative:	Cool	Date Extracted:	03-24-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**18.8**	**1.7**
Ethylbenzene	**9.6**	**1.5**
p,m-Xylene	**53.0**	**2.2**
o-Xylene	**11.4**	**1.0**
Total BTEX	**92.8**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98.0 %**
	1,4-difluorobenzene	**98.0 %**
	Bromochlorobenzene	**98.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Tecumseh #1.**

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Walsh Engineering	Project #:	05217-001
Sample ID:	SL - 02	Date Reported:	03-27-06
Laboratory Number:	36600	Date Sampled:	03-24-06
Chain of Custody:	15753	Date Received:	03-24-06
Sample Matrix:	Soil	Date Analyzed:	03-27-06
Preservative:	Cool	Date Extracted:	03-24-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**11.5**	**1.7**
Ethylbenzene	**8.2**	**1.5**
p,m-Xylene	**58.9**	**2.2**
o-Xylene	**18.0**	**1.0**
Total BTEX	**96.6**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98.0 %**
	1,4-difluorobenzene	**98.0 %**
	Bromochlorobenzene	**98.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Tecumseh #1.**

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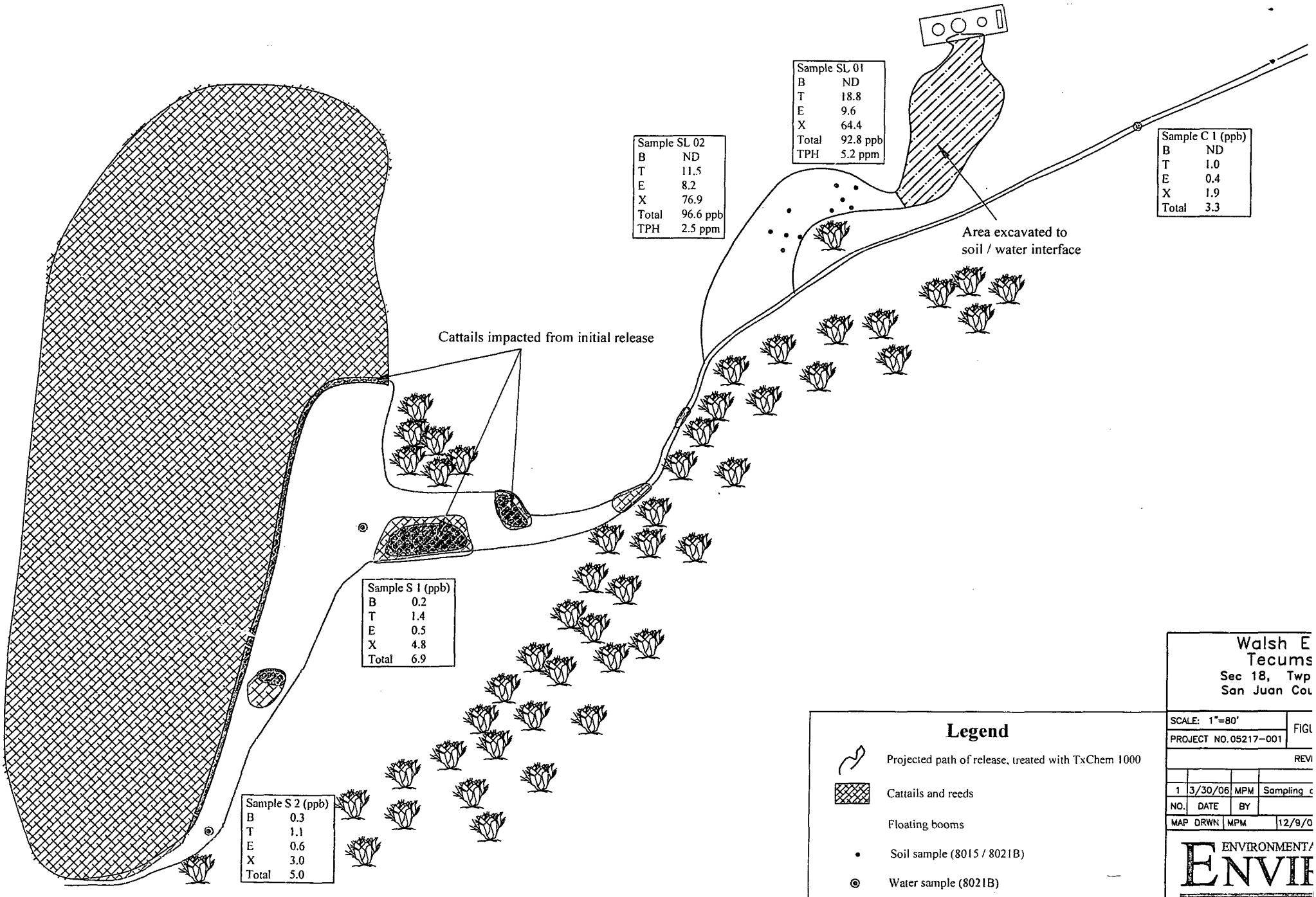

Walsh E
Tecums
Sec 18, Twp
San Juan Cou

SCALE: 1"=80'	FIGU
PROJECT NO. 05217-001	

REVI

NO.	DATE	BY	
1	3/30/06	MPM	Sampling c
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5796 U.S. HIGHWAY 64, FAR