

**RESOLUTION OF THE
RESOURCES AND DEVELOPMENT COMMITTEE
Of the 23rd Navajo Nation Council---First Year 2015**

AN ACTION

**RELATING TO RESOURCES AND DEVELOPMENT; WAIVING 16 N.N.C. § 1159
REGARDING MISSION SITE ACREAGE LIMITATIONS; AND, APPROVING A
REVOCABLE USE PERMIT FOR MISSION SITE FOR THE CHURCH OF JESUS
CHRIST OF LATTER-DAY SAINTS ON NAVAJO NATION TRUST LANDS IN THE
VICINITY OF SAWMILL CHAPTER, NAVAJO NATION (APACHE COUNTY,
ARIZONA)**

Section One. Findings

A. Pursuant to 16 N.N.C. § 1151 (C), the Resources and Development Committee of the Navajo Nation Council has the authority to give approval on behalf of the Navajo Nation, all permits for Mission Sites; and

B. Pursuant to 16 N.N.C. § 1159 (B) (1), a "Mission site for purely religious activities is limited to one and one-half acres (1½)"; and

C. The Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-Day Saints, 50 East North Temple, Salt Lake City, Utah 84150 has applied Revocable Use Permit for Mission site within the Sawmill community, as further described in Exhibit "A," attached hereto and incorporated herein by this reference; and

D. The proposed mission site is to be located on two (2.00) acres in Township 29 North, Range 3 East, Sections 29 and 30 in the vicinity of Sawmill Chapter, Navajo Nation (Apache County, Arizona). The land description appears on the survey plat attached hereto and incorporated herein as Exhibit "B," and

E. The District Grazing Official, Thomas Billiman, identified one land user, Earlene Frazier and her consent is attached hereto as "Exhibit C."

F. The Chapter resolution and the signed petition by the local residents are also attached as Exhibit "D"; and

G. On June 16, 2015, the Resources and Development Committee of the Navajo Nation Council (RDCJN-33-15) delegated the Director of Navajo Land Department, Division of Natural Resources, the power and authority to give final approval of all land withdrawal designations on the Navajo Nation. The Land

Withdrawal Designation has been approved for five (5) years for the Church of Jesus Christ of Latter-Day Saints attached as Exhibit "E"; and

H. Biological, Historical, Cultural and Archaeological surveys and clearances for this permit were completed including an Environmental Assessment report, and are all attached and labeled as Exhibit "G"; and

I. It is in the best interest of Sawmill community and the Navajo Nation that a Revocable Use Permit for Mission Site be approved for the Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints.

Section Two. Approval

A. Resources and Development Committee of the Navajo Nation Council hereby waives 16 N.N.C. § 1159 (B) (1).

B. Resources and Development Committee of the Navajo Nation Council hereby approves and consents to the Revocable Use Permit, subject to, but not limited to the attached Terms and Conditions both contained in Exhibit "F" for the use of two (2) acres as described in Exhibit "B." Exhibits "B" and "F" are attached hereto and incorporated herein by this reference.

C. The Resources and Development Committee of the Navajo Nation Council hereby authorizes the President of the Navajo Nation to execute all documents to affect the intent and purpose of this resolution.

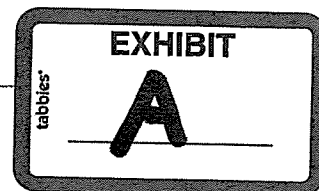
CERTIFICATION

I, hereby, certify that the foregoing resolution was duly considered by the Resources and Development Committee of the 23rd Navajo Nation Council at a duly called meeting at Navajo Nation Council Chambers, Window Rock, (Navajo Nation) Arizona, at which quorum was present and that same was passed by a vote of 4 in favor, 0 opposed, 1 abstained this 23rd day of November, 2015.



**Benjamin Bennett, Vice-Chairperson
Resources and Development Committee
Of the 23rd Navajo Nation Council**

**Motion: Honorable Walter Phelps
Second: Honorable Leonard Pete**



APPLICATION FOR REVOCABLE USE PERMIT (RELIGIOUS SITE)
NAVAJO NATION LANDS

President, Navajo Nation
Window Rock, Arizona

Date May 1, 2013

Corporation of the Presiding Bishop of the Church of Jesus
(Name of Church) Christ of Latter-day Saints
50 E North Temple, Salt Lake City, Utah
(Address)

hereby makes application for a religious site covering approximately 2 acres of Navajo Nation land located in Sawmill, Apache County, Arizona/New Mexico, as shown on the attached map.

After the local chapter approval of this application and with approval of land clearance given by the Navajo Land Department, a survey plat and legal description of the site prepared by a licensed or registered surveyor shall be submitted to the Navajo Land Department or the Bureau of Indian Affairs for review.

In support of said application, the applicant hereby submits the following information:

- | | |
|---------------------------------------------------------------|----------------------------------------------------------------|
| <input checked="" type="checkbox"/> Articles of Incorporation | <input checked="" type="checkbox"/> Land Use Consent |
| <input checked="" type="checkbox"/> Chapter Resolution | <input checked="" type="checkbox"/> Survey Plat |
| <input checked="" type="checkbox"/> Petition of Names | <input checked="" type="checkbox"/> Other Supporting Documents |

Detailed statement of the purpose(s) for which said Navajo Nation land shall be used. If a missionary or mission body proposes to establish facilities for educational, medical or other non-religious activities, this paragraph shall set forth fully the extent and character thereof:

The Tribal Lands will be used to expand the parking facilities, provide
space for youth activities, temporary space for housing for
missionaries, and for family gatherings. This is in addition to
the existing permit for the existing worship facilities and to
include recreational activities for the youth such as volleyball court,

Description of buildings and improvements to be placed on tribal land and the estimated cost thereof. hasketball court
Possible sport court and concrete slab to accommodate annual or pool hall
temporary housing to provide water, sewage,
community service.

Applicant's plan for development of water and sewer.

already serving existing facilities

All corporations must attach hereto a certified copy of their Articles of Incorporation. If foreign to the state where religious site is to be located, the corporation must supply a certified copy of their authority to do business in the state.

All corporations must furnish evidence of authority of the person(s) signing this application to execute papers on their behalf. Evidence should ordinarily be in the form of a general resolution of the Board of Directors certified by the Secretary over the seal of the corporation.

For the purpose of conducting business within the Navajo Reservation, all corporations must file their Articles of Incorporation with the Economic Development Commerce Department of the Navajo Nation. The Commerce Department will issue a corporate number to the church organization.

In all cases of applications on behalf of Unincorporated bodies where documents do not explicit give one individual authority to execute necessary papers, a power of attorney executed before a notary public by all associated parties for this purpose should be attached. If this is not supplied, all such persons must personally sign this application and all other documents submitted to the Navajo Agency.

Unincorporated applicants should submit articles depicting their organization, unless none exists, in which case an explanation of the nature of the organization should be listed on a separate sheet.

Applicant agrees to give preference to qualified local residents of the Navajo Nation for employment in the construction of any improvement on the church site if the permit is granted.

Terry F. Rudd
(Print Name) Authorized Agent

Terry F. Rudd
(Signature) Authorized Agent

50 E North Temple St. 4th
Address

801-240-4310
Phone

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS



HOLBROOK AZ FM GROUP
458 N. 3rd Ave.
Holbrook, AZ 86025
(928) 524-3306
(928) 524-9037 Fax

February 27, 2015

Navajo Tribal Council
P.O. Box 308
Window Rock, AZ 86515

Esteemed Council Members,

The Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints, a Utah Corporation sole is requesting two acres for the Chapel site in Sawmill for the following reasons:

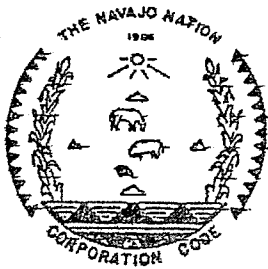
- 1) Provide worship facilities that can expand its capacity as the congregation grows.
- 2) Provide space for the temporary residence that would house missionaries that may be assigned there from time to time.
- 3) For the purpose of hosting weddings and funerals, we would request the additional space for the lease.
- 4) An outdoor pavilion could be added to provide for family gatherings and church activities.
- 5) The site may potentially be used for a sports court provided for the Youth Programs and Boy Scout functions.

As you have seen with other permitted sites on the Navajo Reservation, the Church is very conscious of the appearance of its properties. They are well maintained and improve the value and beauty of the community.

Your favorable approval of this requested two acre site would be very much appreciated.

Sincerely,

Matt Smith
Facilities Manager
Holbrook Arizona Facilities Management Group
Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints



NAVAJO NATION CORPORATION CODE

CERTIFICATE OF AUTHORITY

To all to Whom these Presents Shall Come, Greeting:

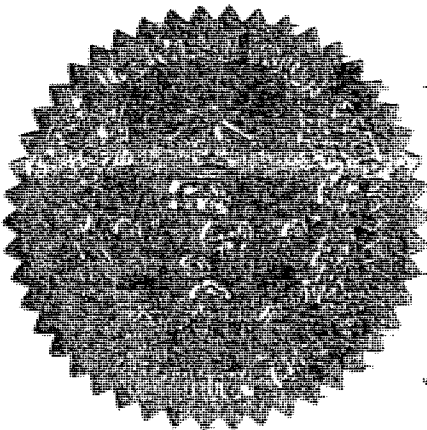
I, the Director of the Business Regulatory Department, DO HEREBY
CERTIFY that ***CORPORATION OF THE PRESIDING BISHOP OF
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS***
a CORPORATION organized under the laws of the STATE OF
Utah was on the 18th day of
April, 2000, authorized to transact business within
the Navajo Nation as FOREIGN CORPORATION.

I FURTHER CERTIFY that this corporation has filed all affidavits
and annual reports and paid all annual filing fees required to date and, therefore,
is in good standing within the Navajo Nation.

File Number: 100503

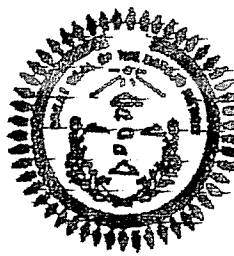
IN WITNESS WHEREOF, I have hereunto set
my hand and affixed the official seal of the
Navajo Nation Corporation Code.

Done at Window Rock, the Capital of the Navajo
Nation, this 18th
day of April, 2000, A.D.



Frank D. [Signature]
Director, Business Regulatory Department
DIVISION OF ECONOMIC DEVELOPMENT

Navajo Nation
Division of Economic Development
Post Office Box 663
Window Rock, AZ 86515



Business Regulatory Dept
(520) 871-7365
871-6714

NAVAJO NATION CORPORATION CODE

APPLICATION FOR CERTIFICATE OF AUTHORITY

Corporation of the Presiding Bishop of
The Church of Jesus Christ of Latter-day Saints
Exact Corporate Name (hereinafter "the Corporation")

TO: BUSINESS REGULATORY DEPARTMENT
DIVISION OF ECONOMIC DEVELOPMENT
P.O. Box 663
Window Rock, Arizona 86515

PURSUANT TO THE PROVISIONS OF THE NAVAJO NATION CORPORATION ACT,
THE UNDERSIGNED CORPORATION HEREBY APPLIES FOR AUTHORITY TO
TRANSACT BUSINESS IN THE NAVAJO NATION.

I. This application is: (Please check the applicable blank)

☒ (1) An original application for Certificate of Authority pursuant to the
Navajo Nation Corporation Act.

☐ (2) An application for new authority resulting from:

☐ (a) A change in the Corporation's name;

☐ (b) A desire to pursue in this jurisdiction different or additional
purposes than those set forth in the Corporation's prior
Application for Authority as more fully described in the
eighth paragraph herein.

☐ (3) An amendment to the original application for a Certificate of Authority
filed by this corporation based on changes in the information stated in
paragraph(s) _____.

II. The Name of the Corporation is: Corporation of the Presiding Bishop of
The Church of Jesus Christ of Latter-day Saints

If the name of the Corporation does not contain the word "association", "bank",
"corporation", "company", "incorporated" or "limited" or does not contain an
abbreviation of one of such words, then the name of the Corporation with the word
or abbreviation which it elects to add thereto for use in the Navajo Nation is:

- III. The Corporation's fiscal year ends: December 31
- IV. It is incorporated under the laws of State of Utah
- V. (1) The date of its incorporation is July 13, 1916
(2) The duration, if not perpetual, is _____
- VI. The address of its principal office in the jurisdiction in which it is incorporated is:
50 East North Temple, 2WW
Salt Lake City, UT 84150-5100
- VII. The address of the proposed known place of business in Navajo Indian Country is:
Rural Address No. 39B
Fort Defiance, AZ 86504
- VIII. The name and address of the proposed registered agent in Navajo Indian Country is:
The Prentice-Hall Corporation System, Inc.
Rural Address No. 39B, Fort Defiance, AZ 86504
- IX. A brief statement of the character of the business which the corporation initially intends to conduct in Navajo Nation and the purpose for which the Corporation is organized is:
To pursue religious, educational and charitable purposes. The
corporation was organized for these purposes.

and the transaction of all lawful business for which corporations may be incorporated under the Navajo Nation Corporation Act.
- X. The names and respective addresses of the Corporation's directors and principal officers are (attach separate sheet if necessary):
H. David Burton
50 East North Temple, 18th Floor, Salt Lake City, UT 84150
Gary B. Porter
50 East North Temple, 18th Floor, Salt Lake City, UT 84150

IF ORGANIZED AS A NON-PROFIT CORPORATION, DISREGARD PARAGRAPHS XI, XII AND XIII:

XI The aggregate number or shares which it is authorized to issue, itemized by class, par value of shares, shares without par value, and series, if any, within a class is:

Number of Shares	Class	Series	Par Value Per Share or Statement That Shares are Without Par Value

XII The aggregate number of its issued shares, itemized by class, par value of shares, shares without par value, and series, if any, within a class is:

Number of Shares	Class	Series	Par Value Per Share- Statement That Shares are Without Par Value

XIII The amount of its stated capital, as defined in the Navajo Nation Corporation Act (Section 102) is: \$_____

XIV The application is accompanied by certified copies of the Corporation's Articles of Incorporation and all amendments thereto, duly authenticated by the proper officer of the jurisdiction under the laws of which it is incorporated.

XV. Has any person(s) (a) serving either by election or appointment as an officer, director, trustee, or incorporator of the Corporation, or (b) a shareholder controlling or holding 20% or more of the proprietary, beneficial or membership interest in the Corporation, served in any such capacity or held any such interest in any corporation which has been placed in bankruptcy or receivership or had its charter revoked? YES _____; NO X _____.

If your answer to the above question is "YES", the applicant must attached the following information for each such corporation:

1. Name and address of the corporation.
2. Full name, including alias(es) and address(es) of each person(s) involved.
3. State(s) in which the corporation:
(a) Was incorporated,
(b) Has transacted business.
4. Dates of corporate operation.
5. A description of the bankruptcy, receivership or charter revocation, including the date, the court or agency involved, and the file or cause number of the case.

XVI. Under penalties of Navajo Nation law, I, H. David Burton declare that I am authorized to execute this Application on behalf of the Corporation, that I have examined this application and have made reasonable efforts to verify the accuracy of the information contained herein, and I am informed and believe and thereon state that the information contained herein is true, correct and complete.

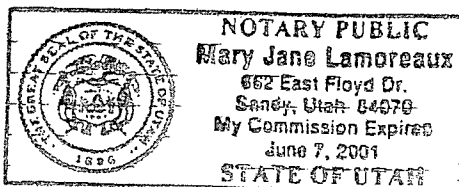
Corporation of the Presiding Bishop of
The Church of Jesus Christ of Latter-day Saints

By: H. David Burton
President
By: Gary D. Leach
Secretary

ACKNOWLEDGEMENT:

STATE OF UTAH
COUNTY OF SALT LAKE

The foregoing instrument was acknowledged before me this 20th day of March, 2000.



Mary Jane Lamoreaux
(Notary Public)

My Commission Expires: June 7, 2001

FILE COPY

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

HOLBROOK AZ FM GROUP
458 N. 3rd Ave.
Holbrook, AZ 86025
(928) 524-3306
(928) 524-9037 Fax

October 20, 2014

Navajo Land Department
Land Administration
P.O. Box 2249
Window Rock, AZ 86515

RE: Customer No. 18597
Sawmill Branch Church Reference Number 501-8803

Dear Sir/Madam,

The Revocable Use Permit requires:

"This permit shall be subject to review every five (5) years at which time a written report shall be submitted by the Permittee to the Navajo Land Department."

In accordance therewith, this letter shall act as and represent the "written report" required there-under unless you request more information.

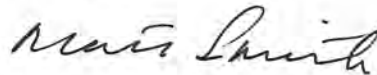
The property described in the Revocable Use Permit referenced above has been and is currently being used for religious purposes and activities for members, friends and other visitors of the Sawmill Branch of the Church of Jesus Christ of Latter-day Saints, which include, but are not limited to: weekly religious worship services, meetings and other related activities.

The Sawmill Branch has a membership of 188 with an average of 45 attending at least one meeting each week.

We will continue our efforts to increase and improve the activity and number of those attending our services, meetings and activities.

If you desire more information, or have any questions or concerns, please don't hesitate to contact me. Thank you.

Sincerely,



Matt Smith, Facilities Manager

CC: Real Estate Services, President Romero T. Brown



TOPOGRAPHIC SURVEY FOR SAWMILL PROPERTY

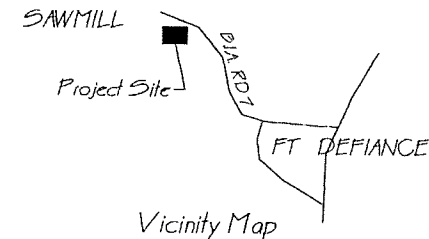
SAWMILL CHAPTER, DISTRICT
SECTION 30 AND 29, T. 29 N., R. 30 E.
APACHE COUNTY, ARIZONA

LEGAL DESCRIPTION

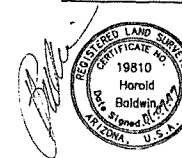
LEASE AREA

A PARCEL OF LAND SITUATED WITHIN SECTION 29 AND 30; TOWNSHIP 29 NORTH, RANGE 30 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, APACHE COUNTY, ARIZONA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT THE WEST QUARTER CORNER OF SAID SECTION 29; THENCE N31° 10' 54"E, A DISTANCE OF 198.65 FEET, TO THE POINT OF BEGINNING; THENCE N32° 55' 28"E, A DISTANCE OF 295.04 FEET, TO THE SOUTHERLY RIGHT-OF-WAY LINE OF B.I.A. ROUTE 7 (SAWMILL ROAD); THENCE N58° 01' 18"W, ALONG SAID RIGHT-OF-WAY, A DISTANCE OF 294.80 FEET; THENCE S32° 55' 28"W, A DISTANCE OF 295.04 FEET; THENCE S58° 01' 18"E, A DISTANCE OF 294.80 FEET, TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 2 ACRES, MORE OR LESS.



SURVEYORS CERTIFICATION



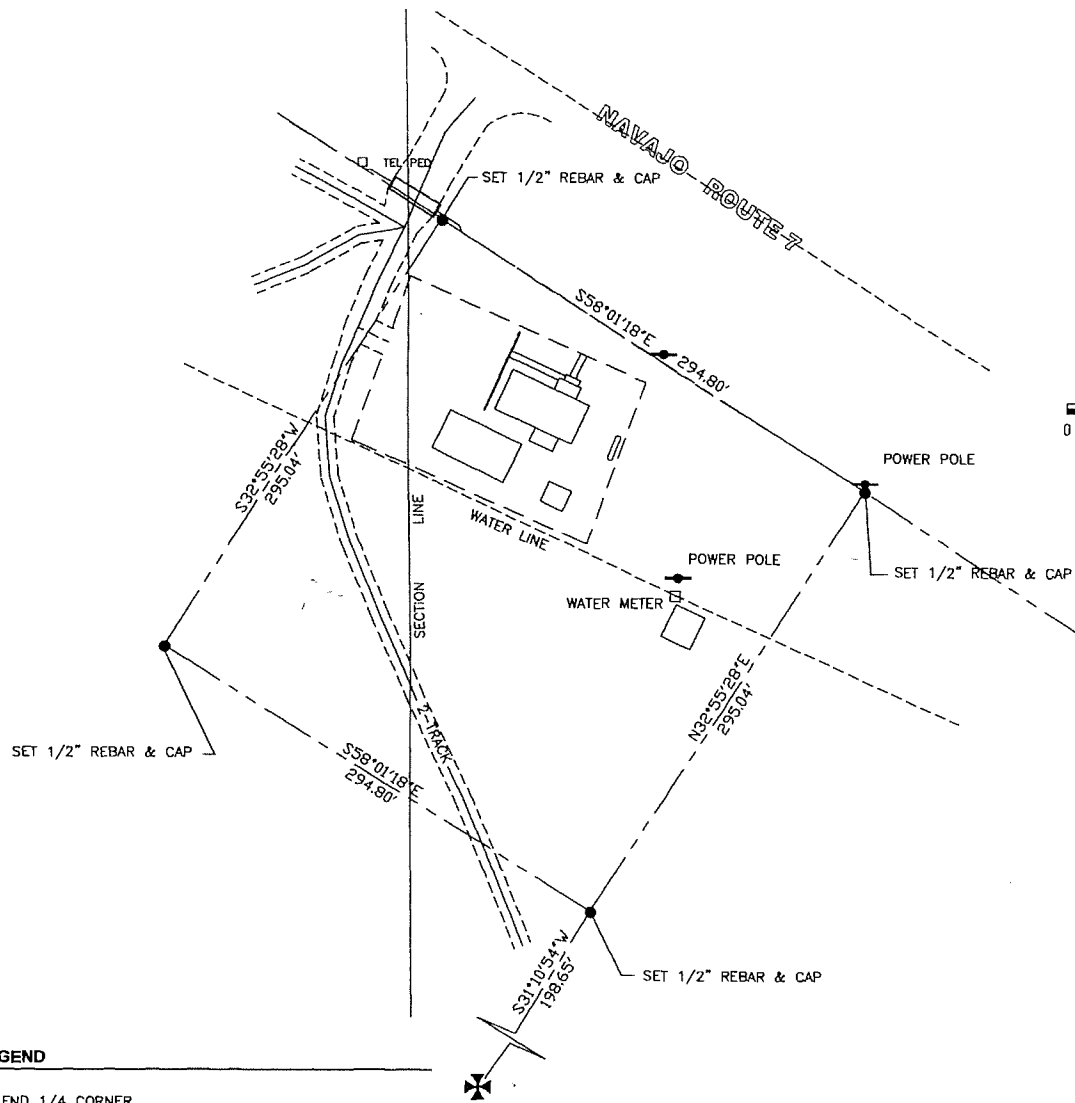
I HAROLD BALDWIN CERTIFY THAT THE SURVEY SHOWN HEREON WAS DONE UNDER MY DIRECT SUPERVISION DURING THE MONTH OF FEBRUARY 2007 AND IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE, AND THAT THE SURVEY MONUMENTS SHOWN HEREON HAVE BEEN LOCATED AS SHOWN.

SCALE:	1" = 50'
DRAWN BY:	JS, CA
CHECKED BY:	HB
FIELD WORK BY:	ED
DATE:	FEB 2007
JOB NO.:	07-012
MAP NO.:	
REVISION:	
PREPARED FOR:	L. SADLER, ARCH.

RESULTS OF SURVEY
FOR
LEASE SITE, SAWMILL CHAPTER
NAVAJO INDIAN RESERVATION
SECTION 29 & 30, T. 29 N., R. 30 E.
APACHE COUNTY, ARIZONA

ABSOLUTE SURVEYING
AND MAPPING, INC.
1513 B NORTH MAIN STREET
SNOWFLAKE, ARIZONA 85937

tabbles®
B
EXHIBIT



LEGEND

- ✕ FND 1/4 CORNER
- SET 1/2" REBAR & CAP - RLS 19810
- FENCE LINE

BASIS OF BEARING

GPS RTK SOLUTIONS

BASIS OF SURVEY

GPS RTK SOLUTIONS, EXISTING SITE DATA
DKT 780, PG 5731, APACHE CO. RECORDS

SURVEYOR'S NOTE:

THIS DRAWING DOES NOT REFLECT ANY **RIGHT-OF-WAY**, **EASEMENTS**, OR OTHER **ENCUMBRANCES** WHICH WOULD BE REVEALED BY A CURRENT TITLE REPORT.

RECORDED

2008-006367 8-25-08
RECEPTION NUMBER DATE
18LS 160
BOOK PAGE
APACHE COUNTY, AZ, RECORDS



INTER OFFICE MEMORANDUM

FROM :

A handwritten signature in blue ink, appearing to read "Vera Shurley", written over a horizontal line.

Vera Shurley, Right of Way Agent
Project Review Section/NLD

SUBJECT :

Field Investigation Report for Church of Latter-Day Saints

DATE :

July 8, 2014

The Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-Day Saints, 50 East North Temple, Salt Lake City, Utah 84150 submitted an application requesting to withdraw 2.00 acres more or less to construct, operate, and maintain a Mission Site, located within Sections 29 and 30, Township 29 North, Range 30 East, Gila & Salt River Base and Meridian in the vicinity of Sawmill, Apache County, State of Arizona.

The Navajo Land Department/Project Review Office conducted and completed the field investigation on the proposed mission site and one land user was identified by the Tom Billiman, Sawmill Grazing Official. Earlene Frazier gave her consent on May 22, 2013.

Recommendation is made to process the permit for approval by the Resources and Development Committee of the Navajo Nation Council.

CC: Project File

**CONSENT TO USE
NAVAJO NATION LAND
FOR RELIGIOUS ACTIVITIES**

TO WHOM IT MAY CONCERN:

I, Erlene Frazier, hereby grant my consent to the Navajo Nation and the Bureau of Indian Affairs to permit The Church of J C Church located approximately 7 miles Sawmill Chapter to use approximately 2 acres of my assigned grazing land for church purposes.

Furthermore, I hereby waive any rights I may have to compensation for the taking of my land use and the diminishment of my land value as a result of the above request. Should the church liquidates or if the land taken for religious use is no longer needed, then, I shall have the right to reclaim the land. The subject land will be re-incorporated back into my grazing allotment.

Further remarks: Requesting to have my driveway be gravel
Front Road gets to muddy in winter time

Erlene Frazier
Permit Holder's Signature

Census No.

18-20-93
Permit No.

5/22/2013
Date

WITNESSES:

[Signature]

THUMB PRINT:

Tom Pulliam
Attested by Grazing Committee/Land Board

18.2
District No.

5/22/13
Date

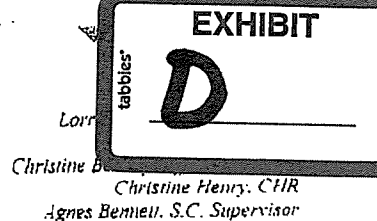
[Signature]
Acknowledgement by church/field agent

11/4/2013
Date

Sawmill Chapter

Norman Begay, President
 Harold Morgan, Vice President
 Pauline M. Begay, Sec. Treasurer
 Ralph Bennett, Council Delegate
 Roscoe Smith, Council Delegate
 Tom Billman, Grazing Representative

P.O. Box 1786
 Fort Defiance, AZ 86504
 (928) 729-4433 / 4432
 (928) 729-4435 FAX



SAW08-2008-095

RESOLUTION OF THE SAWMILL CHAPTER SAWMILL, NAVAJO NATION, ARIZONA

**APPROVING ADDITIONAL 1.67 ACRES OF LAND ADJACENT TO THE
 CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS IN SAWMILL, AS
 DESCRIBED ON ATTACHED SURVEY, TO BE USED FOR RELIGIOUS
 PURPOSES BY THE CORPORATION OF THE PRESIDING BISHOP OF THE
 CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS, A UTAH
 CORPORATION.**

WHEREAS:

1. The Sawmill Chapter is a duly certified local governing body officially recognized by the Navajo Tribe Council and empowered to represent and address the best interest of its chapter and people; and,
2. The Sawmill Chapter discussed and approved at a duly called chapter meeting on 8/ 14/2008 supporting and recommending that 1.67 additional acres of land described on the attached survey be withdrawn for use by The Church of Jesus Christ of Latter Day Saints for religious purposes; and,
3. There is an existing Mission Site lease to The Church of Jesus Christ of Latter Day Saints in 1951 with a .33 acres of land, which was used to build a small church building; and,
4. On July 9, 2008, The Church of Jesus Christ of Latter Day Saint's church building in Sawmill was destroyed by fire, which was caused by arson; and,
5. Presently, the Sawmill church members have to travel to St. Michaels, Arizona for its church services every Sunday and it is a hardship for members for traveling expenses; and,
6. The additional 1.67 acres of land will be used to rebuild the church to a much larger building, construct more parking lots, and other church facilities for recreational and educational activities for community members; and,
7. The additional 1.67 acres will make the total acreage of land to 2.0 acres, which is within the limit issued for Mission Site leases by the Navajo Nation.

Sawmill Chapter

NOW THEREFORE BE IT RESOLVED THAT:

1. The Sawmill Chapter herby affirms the requested additional 1.67 acres of land be withdrawn for The Church of Jesus Christ of Latter Day Saints in Sawmill for rebuilding a church building, parking lot, and other church facilities for its religious purposes.
2. The Sawmill Chapter further request expediency in processing and authorizing all necessary documents by appropriate entities.

CERTIFICATION

We herby certify that the foregoing resolution was duly considered by the Sawmill Chapter at a duly called meeting at Sawmill, Navajo Nation, and Arizona, at which a quorum was present and that same was passed by a vote of 39 in favor, 0 opposed, and 1 abstention this day of August, 2008.

Motioned by: Mrs. Vicki Kenny

Second by: Elvina Hale

Herman Begay
Herman Begay, Chapter President

(1) PETITION FOR THE San Juan Branch CHURCH

We, THE UNDERSIGNED, are citizens and residents of the Navajo Nation living within this community where the church is being built. The primary purpose of this religious site is to provide a place to worship, and, basically, have the church conduct religious services on any given days through out the years. Further, we hereby give our signatures on this petition sheet to further the development of this church.

	Names	Date	Witness
01.	Wena Jesus	08/06/08	AW
02.	John Friedman	08/06/08	AW
03.	Peter	08/06/08	AW
04.	Wanda Friedman	08/06/08	AW
05.	Mary Jesus	08/07/08	AW
06.	Martha Jesus	" "	AW
07.	Wanda Jesus	" "	AW
08.	John Jesus	" "	AW
09.	Leonard Jesus	" "	AW
10.	Christiano Kardo	" "	AW
11.	Paul Shirley	" "	AW
12.	Louise Wood	" "	AW
13.	Daphne Shirley	" "	AW
14.	Ophelia Shirley	" "	AW
15.	Johnathan Shirley	" "	AW
16.	Mary Pagan	" "	AW
17.	Harold A. Kellwood	8/07/08	AW
18.	Regina M. Kellwood	8/07/08	AW
19.	Valencia K. Dick	8/07/08	AW
20.	Clarence R. Dick	8/07/08	AW
21.	Alvin R. Yagze	8/07/08	AW
22.	Albert R. Yagze	8/07/08	AW

(2)

	Names	Date	Witness
23.	Veda M Kenney	8/1/08	R. Kenney
24.	Roger Kenney	8/1/08	
25.	Carol Loullina	8-3-08	ETW
26.	Quetz T. W	8-3-08	A.T.
27.	Olivia Lee	8-3-08	A.T.
28.	Heimer Doolan	8-3-08	R.T.
29.	[Signature]	8-3-08	A.S.
30.	[Signature]	8-3-08	A. Smith
31.	Ashley Begay	8-5-08	A. Smith
32.	For Begay	8-5-08	A. Smith
33.	Diabetes Begay	8/5/08	A. Smith
Thumb print			
34.	Gasper I. Irie	8-5-08	A. Smith
35.	Archie Upshaw	8-7-08	Ernie [Signature]
36.	Gervase R. Begay	8/7/08	A. Smith
37.	Barlene Frazier	8/7/08	Ernie [Signature]
38.	Matthew Frazier	8-7-08	Ernie [Signature]
39.	Melvin Frazier	8/7/08	Ernie [Signature]
40.	Leahford Ricker	8/7/08	A. Smith

Note: Signing another person names will caused this petition to be voided and returned.

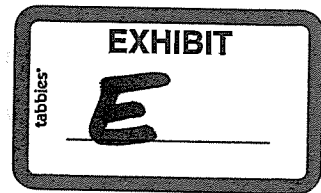
23. Jameel Kelewood 7, ~~000~~008
24. Anthony Wiluto 8/7/8
25. Adeline Wiluto 8/7/8

SL
AC
PW



THE NAVAJO NATION

RUSSELL BEGAYE
JONATHAN NEZ



October 14, 2015

Mr. Terry F. Rudd, Authorized Agent
The Church of Jesus Christ of Latter-Day Saints
Real Estate Services Division
50 East North Temple Street
Salt Lake City, UT 84150-0012

RE: LDS Church in Sawmill, Arizona

Dear Mr. Rudd:

Enclosed for your information and use is an approved Land Withdrawal Designation for the Church of Jesus Christ of Latter-Day Saints. The Designation authorizes construction, operation, maintenance and application of a Revocable Use Permit for mission site on 2.00 acres of tribal trust lands. The area is situated within Section 29 and 30; Township 29 North, Range 30 East, of the Gila and Salt River Base and Meridian, Sawmill, Apache County, Arizona.

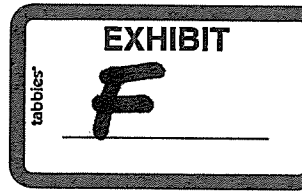
On June 16, 2015, the Resources and Development Committee of the Navajo Nation Council (RDCJN-33-15) delegated the Director of Navajo Land Department (NLD), Division of Natural Resources (DNR), the power and authority to give final approval of all land withdrawal designations on the Navajo Nation.

The Land Withdrawal Designation has been approved for five (5) years. Within ninety (90) days prior to expiration, you must notify and request for another (5) year withdrawal from Navajo Land Department.

Sincerely,

W. Mike Hafona, Department Manager III
Navajo Land Department
Division of Natural Resources

XC: File



TERMS AND CONDITIONS FOR MISSION SITE PERMIT
Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints
(PERMITTEE)

1. This Mission Site Permit is issued to Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints, 50 E. North Temple, Salt Lake City, Utah 84150 to use and occupy Navajo Nation Trust Lands for religious purposes, and shall be subject to the terms and conditions set forth herein. The term of the Mission Site Permit is effective beginning on the date the permit is approved by the Resources & Development Committee of the Navajo Nation Council or authorized representative. This Permit is authorized by Resources and Development Committee No. _____.
2. This permit is revocable at the discretion of the Resources and Development Committee of the Navajo Nation Council. The permit shall immediately be revoked for the failure to use the land herein described for religious purposes. It is understood and agreed that this instrument is 'NOT A LEASE' and is not to be taken or construed as granting any leasehold interest or right in or to the land herein described, but is merely a temporary permit, terminable and revocable.
3. The Permittee shall be given at least thirty (30) days written notice before this Mission Site Permit is terminated and revoked. Upon termination of the Mission Site Permit, the Permittee shall have ninety (90) days in which to remove from the site to dispose of any and all buildings, structures, materials and equipment and other personal property owned by the religious organization. After the expiration of the ninety (90) days, the Permittee shall peacefully and without legal process deliver the possession of the premises to the Navajo Nation. All improvements not removed after ninety (90) days will become the property of the Navajo Nation, unless the Navajo Nation demands in writing that the improvements be removed.
4. This Permit is not transferable, except with the consent of the Resources and Development Committee of the Navajo Nation Council.
5. This Permit shall be reviewed every five (5) years to reevaluate the rent and compliance with the terms and conditions.
6. The legal land description of the premises is described as follows:

TRACT DESCRIPTION

A PARCEL OF LAND SITUATED WITHIN SECTION 29 AND 30, TOWNSHIP 29 NORTH, RANGE 30 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, APACHE CPUNTY, ARIZONA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING at the West Quarter Corner of said Section 29; Thence N31°10'54" E, a distance of 198.65 Feet, to the Point of Beginning;

THENCE NORTH 32°55'28" East, a distance of 295.04 feet, to the Southerly Right-of-Way Line of B.I.A. Route 7 (Sawmill Road);

THENCE North 58°01'18" West, along said Right-of-Way, a distance of 294.80 feet;
THENCE South 32°55'28" West, a distance of 295.04 feet;
THENCE South 58°01'18" East, a distance of 294.80 feet, to the Point of Beginning for a distance of 448.62 feet;

Said Parcel of land contains 2.00 acres, more or less.

7. The annual rental is set at \$ 30.00 per year and is due on or before the first day of January of each year the Permit remains in effect. Pursuant to 16 N.N.C. § 1157, if the Permittee fails to pay the rent when due, this permit shall automatically terminate. The Permittee is responsible to make direct payments to the Navajo Nation Accounts Receivable Section, Post Office Box 3150, Window Rock, Arizona 86515.
8. The Permittee may develop, use and occupy the area under the permit for the purpose(s) of Mission Site. The Permittee may not develop, use or occupy the area under the permit for any other purpose without the prior written approval of the Navajo Nation. The approval of the Navajo Nation may be granted, granted upon conditions or withheld in the sole discretion of the Navajo Nation. The Permittee may not develop, use or occupy the area under the permit for any unlawful purpose.
9. In all activities conducted by the Permittee within the Navajo Nation, the Permittee shall abide by all laws and regulations of the Navajo Nation and of the United States, now in force and effect or as hereafter may come into force and effect, including but not limited to the following:
 - a. Title 25, Code of Federal Regulations, Part 162;
 - b. All applicable federal and Navajo Nation antiquities laws and regulations, with the following additional condition: In the event of a discovery all operations in the immediate vicinity of the discovery must cease and the Navajo Nation Historic Preservation Department must be notified immediately. As used herein, "discovery" means any previously unidentified or incorrectly identified cultural resources, including but not limited to archeological deposits, human remains, or location reportedly associated with Native American religious/traditional beliefs or practices;
 - c. The Navajo Preference in Employment Act, 15 N.N.C. §§ 601 et seq., and the Navajo Nation Business Opportunity Law, 5 N.N.C. §§ 201 et seq.; and
 - d. The Navajo Nation Water Code, 22 N.N.C. § 1101 et seq. Permittee shall apply for and submit all applicable permits and information to the Navajo Nation Water Resources Department, or its successor.
10. The Permittee shall ensure that the air quality of the Navajo Nation is not jeopardized due to violation of applicable laws and regulations by its operations pursuant to the permit.
11. The Permittee shall clear and keep clear the lands within the permit area to the extent compatible with the purpose of the permit, and shall dispose of all vegetation and other materials cut, uprooted, or otherwise accumulated during any surface disturbance activities.
12. The Permittee shall at all times during the term of the permit and at the Permittee's sole cost and expense, maintain the land subject to the permit and all improvements located thereon and make all necessary and reasonable repairs.

13. The Permittee shall indemnify and hold harmless the Navajo Nation and their respective authorized agents, employees, land users and occupants, against any liability for loss of life, personal injury and property damages arising from the development, use or occupancy or use of the permit area by the Permittee.
14. The Permittee shall not assign, convey or transfer, in any manner whatsoever, the permit or any interest therein, or in or to any of the improvements on the land subject to the permit, without the prior written consent of the Navajo Nation. Any such attempted assignment, conveyance or transfer of the permit without such prior written consent shall be void and of no effect. The consent of the Navajo Nation may be granted, granted upon conditions or withheld in the sole discretion of the Navajo Nation.
15. The Navajo Nation may terminate the permit for violation of any of the terms and conditions stated herein. In addition, the permit shall be terminable in whole or part by the Navajo Nation or authorized representative for any of the following causes:
 - a. Failure to comply with any terms and conditions of the permit or of applicable laws or regulations;
 - b. Non-use of the permit; and
 - c. The use of the land subject to the permit for any purpose inconsistent with the purpose for which the permit is granted.
16. At the termination of the permit, the Permittee shall peaceably and without legal process deliver up the possession of the premises, in good condition, usual wear and tear excepted. Upon the written request of the Navajo Nation, the Permittee shall provide the Navajo Nation, at the Permittee's sole cost and expense, with an environmental audit assessment of the premises at least sixty (60) days prior to delivery of said premises.
17. The Permittee shall give written notice to the Navajo Nation Land Department regarding any change to the Permittee's contact information, address, leadership, organizational name, or any other substantial change to the organization. The notice shall be given within thirty (30) days and delivered to the Navajo Land Department at Post Office Box 2249, Window Rock, Arizona 86515.
18. Holding over by the Permittee after the termination of the permit shall not constitute a renewal or extension thereof or give the Permittee any rights hereunder or in or to the land subject to the permit or to any improvements located thereon.
19. The Navajo Nation shall have the right, at any reasonable time during the term of the permit, to enter upon the premises, or any part thereof, to inspect the same and any improvements located thereon.
20. By acceptance of the grant of permit, the Permittee consents to the full territorial legislative, executive and judicial jurisdiction of the Navajo Nation, including but not limited to the jurisdiction to levy fines and to enter judgments for compensatory and punitive damages and injunctive relief, in connection with all activities conducted by the Permittee within the Navajo Nation or which have a proximate (legal) effect on persons or property within the Navajo Nation.
21. By acceptance of the grant of the permit, the Permittee covenants and agrees never to contest or challenge the legislative, executive or judicial jurisdiction of the Navajo Nation on the basis that

such jurisdiction is inconsistent with the status of the Navajo Nation as an Indian nation, or that the Navajo Nation government is not a government of general jurisdiction, or that the Navajo Nation government does not possess full police power (i.e., the power to legislate and regulate for the general health and welfare) over all lands, persons and activities within its territorial boundaries, or on any other basis not generally applicable to a similar challenge to the jurisdiction of a state government. Nothing contained in this provision shall be construed to negate or impair federal responsibilities with respect to the land subject to the permit or to the Navajo Nation.

22. Any action or proceeding brought by the Permittee against the Navajo Nation in connection with or arising out of the terms and conditions of the permit shall be resolved administratively under the laws of the Navajo Nation, and no action or proceeding shall be brought by the Permittee against the Navajo Nation, in any court of any state.
23. Nothing contained herein shall be interpreted as constituting a waiver, express or implied, of the sovereign immunity of the Navajo Nation.
24. Except as prohibited by applicable federal law, the law of the Navajo Nation shall govern the construction, performance and enforcement of the terms and conditions contained herein.
25. The terms and conditions contained herein shall extend to and be binding upon the successors, heirs, assigns, executors, administrators, employees and agents, including all contractors and subcontractors, of the Permittee, and the term "Permittee," whenever used herein, shall be deemed to include all such successors, heirs, assigns, executors, administrators, employees and agents.
26. There is expressly reserved to the Navajo Nation full territorial legislative, executive and judicial jurisdiction over the area under the permit and all lands burdened by the permit, including without limitation over all persons, including the public, and all activities conducted or otherwise occurring within the area under the permit; and the area under the permit and all lands burdened by the permit shall be and forever remain Navajo Indian Country for purposes of Navajo Nation jurisdiction.

Date: _____

By: _____

(Permittee)

**The Corporation of the Presiding Bishop of the
Church of Jesus Christ of Latter-Day Saints**

Date: _____

By: _____

**President
Navajo Nation**

BIOLOGICAL RESOURCES COMPLIANCE FORM
 NAVAJO NATION DEPARTMENT OF FISH AND WILDLIFE
 P.O. BOX 1480, WINDOW ROCK, ARIZONA 86515-1480



COMPLIANCE ☒
 CONDITIONAL COMPLIANCE ☐

It is the Department's opinion the project described below, with applicable conditions, is in compliance with Tribal and Federal laws protecting biological resources including the Navajo Endangered Species and Environmental Policy Codes, U.S. Endangered Species, Migratory Bird Treaty, Eagle Protection and National Environmental Policy Acts. This form does not preclude or replace consultation with the U.S. Fish and Wildlife Service if a Federally-listed species is affected.

PROJECT NAME & NO.: Alamo and Sawmill Churches

DESCRIPTION: Church Meeting House and parking lot

LOCATION: Alamo and Sawmill Chapters

REPRESENTATIVE: Zoology Unlimited

ACTION AGENCY: SLR International Corporation

B.R. REPORT TITLE / DATE / PREPARER: June 9, 2009/Zoology Unlimited/Survey Report

SIGNIFICANT BIOLOGICAL RESOURCES FOUND: NA - Sawmill in Community Zone and Alamo in Area 3

POTENTIAL IMPACTS

TRIBAL ENDANGERED SPECIES (G2 & G3) TAKEN: NA

FEDERALLY-LISTED SPECIES AFFECTED: NA

OTHER SIGNIFICANT IMPACTS TO BIOLOGICAL RESOURCES: NA

AVOIDANCE / MITIGATION MEASURES: NA

CONDITIONS OF COMPLIANCE*: NA

FORM PREPARED BY / DATE: J. Cole 07/27/09

COPIES TO: (add categories as necessary)

- ☐ Navajo Environmental Protection Agency
☐ U.S. Fish and Wildlife Service, NM Field Office
☐ U.S. Fish and Wildlife Service, AZ Field Office

- ☐ BIA Navajo Region, Environmental Services
☐ U.S. Fish and Wildlife Service, UT Field Office
☐ (Other)

2 NTC § 164 Recommendation:

- ☒ Approval
☐ Conditional Approval (with memo)
☐ Disapproval (with memo)
☐ None (with memo)

Signature

Gloria M. Tom

Gloria M. Tom, Director, Navajo Nation Department of Fish and Wildlife

Date

8/4/09

*I understand and accept the conditions of compliance, and acknowledge that lack of signature may be grounds for the Department not recommending the above described project for approval to the Tribal Decision-maker.

Representative's signature

Bob Mays

Date

Aug. 14, 2009

BIOLOGICAL RESOURCES COMPLIANCE FORM
NAVAJO NATION DEPARTMENT OF FISH AND WILDLIFE
P.O. BOX 1480, WINDOW ROCK, ARIZONA 86515-1480

It is the Department's opinion the project described below, with applicable conditions, is in compliance with Tribal and Federal laws protecting biological resources including the Navajo Endangered Species and Environmental Policy Codes, U.S. Endangered Species, Migratory Bird Treaty, Eagle Protection and National Environmental Policy Acts. This form does not preclude or replace consultation with the U.S. Fish and Wildlife Service if a Federally-listed species is affected.

PROJECT NAME & NO.: Sawmill LDS Church - Revocable Use Permit

DESCRIPTION: RUP for 2.0 acres for the Sawmill LDS Church mission site.

LOCATION: Sawmill, Apache County, Arizona

REPRESENTATIVE: Vera Shurley, Right of Way Agent, Navajo Land Department

ACTION AGENCY: Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter Day Saints

B.R. REPORT TITLE / DATE / PREPARER: SLR International Corporation's Projects/09 JUN 2009/Zoology Unlimited, LLC

SIGNIFICANT BIOLOGICAL RESOURCES FOUND: Area 4. Existing church site.

POTENTIAL IMPACTS

NESL SPECIES POTENTIALLY IMPACTED: NA

FEDERALLY-LISTED SPECIES AFFECTED: NA

OTHER SIGNIFICANT IMPACTS TO BIOLOGICAL RESOURCES: NA

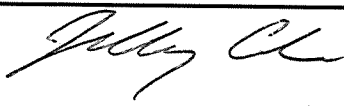
AVOIDANCE / MITIGATION MEASURES: NA

CONDITIONS OF COMPLIANCE*: NA

FORM PREPARED BY / DATE: Pamela A. Kyselka/15 JUL 2014, update to review no. 07/27/09D

COPIES TO: (add categories as necessary)

☐ _____ ☐ _____

2 NTC § 164 Recommendation: <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Conditional Approval (with memo) <input type="checkbox"/> Disapproval (with memo) <input type="checkbox"/> Categorical Exclusion (with request letter) <input type="checkbox"/> None (with memo)	Signature  Gloria M. Tom, Director, Navajo Nation Department of Fish and Wildlife	Date <u>7/15/14</u>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------

*I understand and accept the conditions of compliance, and acknowledge that lack of signature may be grounds for the Department not recommending the above described project for approval to the Tribal Decision-maker.	
Representative's signature	Date

**Biological Survey Report
for Species of Concern on SLR International
Corporation's Projects in Alamo, New Mexico, and
Sawmill, Arizona**

Prepared by

Zoology Unlimited, LLC
Post Office Box 31132
Flagstaff, Arizona 86003
928-779-2287

Prepared for

SLR International Corporation
9561 South 700 East, Suite 102
Sandy, Utah 84070
801-495-9589

June 9, 2009

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Appendix B.	Tables of Mammals, Birds, Reptiles, Amphibians, and Plant Species encountered during the Field Survey
Appendix C.	National Wetland Inventory Maps: Magdalena-New Mexico, and Ganado-Arizona/ New Mexico
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I. INTRODUCTION

SLR International Corporation (SLR) is preparing environmental documentation for two separate church meeting houses and associated parking lots. Site one is located in Alamo, New Mexico, and site two is located within Sawmill, Arizona. The project sites measure 2.0-acres in size, therefore, a total of 4.0 acres of Navajo Nation trust land would be affected (see Figures 1a and 1b). The proposed project would provide religious services to the areas surrounding the two communities.

Zoology Unlimited, LLC, (ZU) was retained by SLR to complete a Threatened, Endangered, and Sensitive species survey, habitat evaluation, and assessment of wetland areas on two project parcels. This document contains the description of the area, presents the species of concern, survey methodology, results, conclusions, and mitigations for the proposed project.

II. LOCATION AND DESCRIPTION OF PROJECT AREA

The Alamo site is located in the southern part of the community of Alamo, New Mexico. The Sawmill site is located within the community of Sawmill, Arizona. The Alamo site is located at an elevation of 6,110 feet above sea level (asl), and the Sawmill site at an elevation of 7,610 feet asl. The project parcels can be found on two 7.5 minute USGS quadrangle maps: Puertecito, Socorro County, New Mexico, and Sawmill, Apache County, Arizona (see Figures 2a and 2b).

The soils in the Alamo area are defined as Rock Land-Torriorthents-Argiustolls Association (Maker et al. 1974). This association consists of shallow to often gravelly and stony soils developed residually in materials weathered from sedimentary rocks dominated by sandstone or interbedded sandstone and shale. The geography is dominated by rough and broken topography, and consists of gently to strongly sloping mesa tops and steep to very steep mesas and escarpments. The Alamo site is relatively flat valley with rolling hills and ridges with an unnamed wash northwest of the parcel. The Sawmill site's soils defined as Cryorthents-Eutroboralfs Association (Hendricks 1985). This soil type consists of shallow to deep, well drained, soils on gently sloping to steep, high mountain terrain. The moderately coarse to fine-textured soils are formed in residuum weathered from sandstone, limestone, shale, conglomerate and volcanic rocks. The Sawmill site is flat valley bottom located adjacent to the Defiance Plateau foothills with an earth tank located southeast of the parcel.

The vegetation community on the Alamo and Sawmill tracts corresponds to the Great Basin Conifer Woodlands (Brown 1994). Gama grass (*Bouteloua gracilis*), hedgehog cactus (*Pedioeactus simpsonii*), and rabbitbrush (*Chrysothamnus nauseosus*) were dominant vegetation on the Alamo tract. The Sawmill tract included gama grass (*B. gracilis*) and sagebrush (*Artemisia tridentata*). There are no multi-canopies/thickets of trees or shrubs or riparian growth present on both parcels. There are no natural, permanent or semipermanent sources of water within the two tracts.

The Alamo survey area has been previously disturbed by community of Alamo, chapter house complex, State Highway 169, fencing, dirt roads, power lines, and home sites. The Sawmill area has been disturbed by NR 72, NR 73, NR 7, fencing, dirt roads, community housing subdivision, and home sites. The survey area on all sites are currently being grazed by livestock and impact of grazing is determined to be heavy (see Figures 3a and 3b).

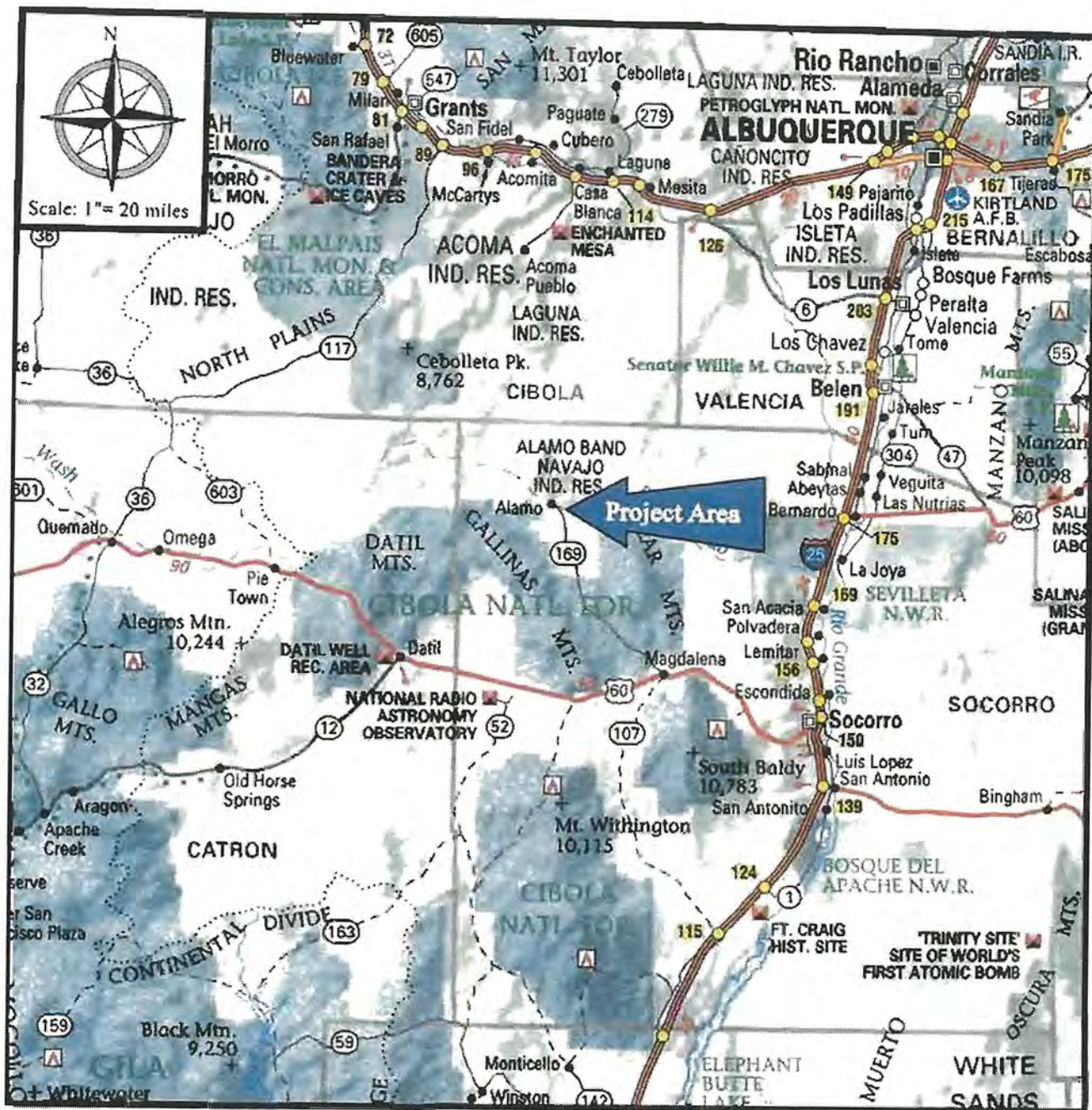


Figure 1a. Navajo Country road map (Alamo site).

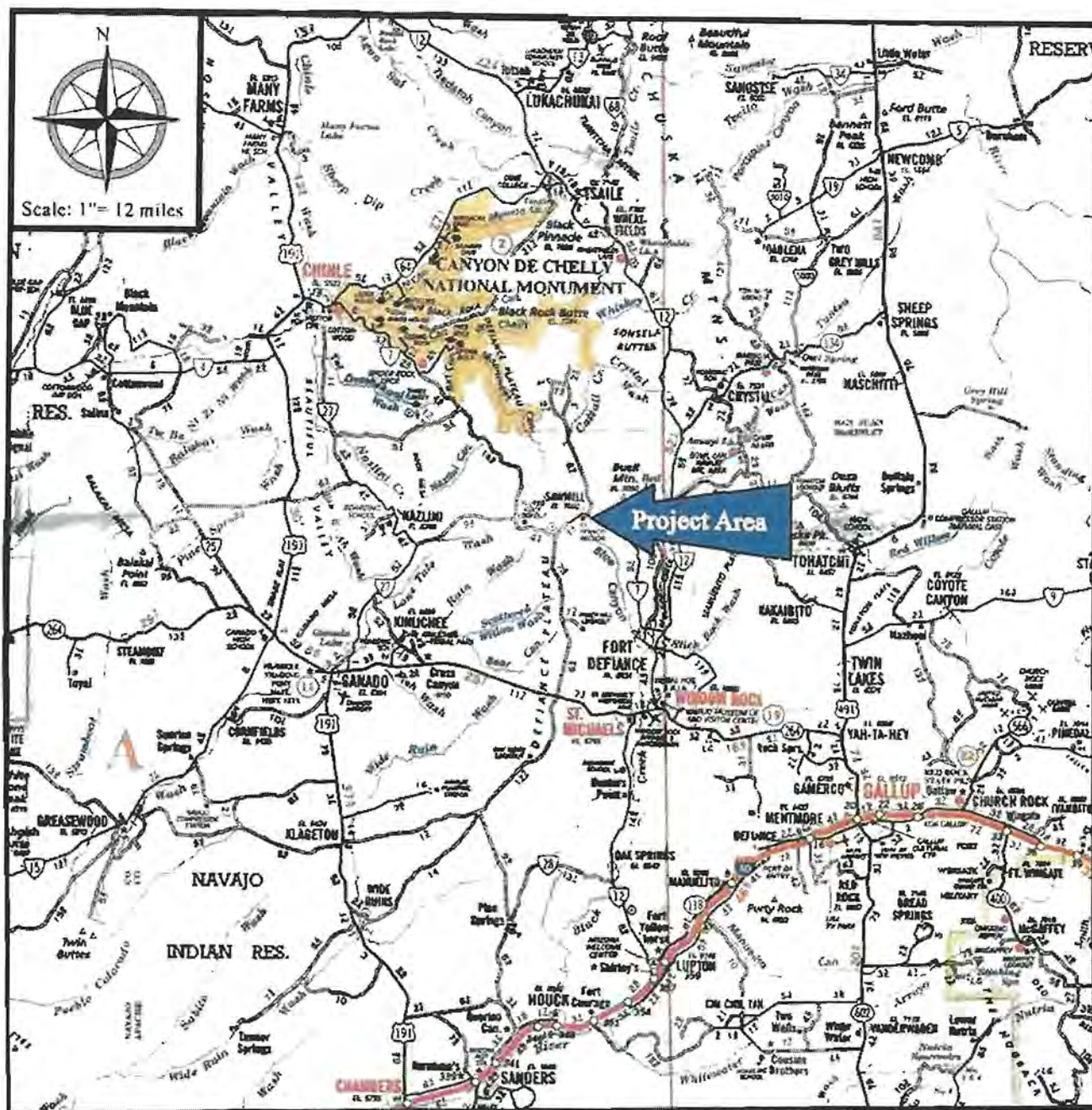


Figure 1b. Navajo Country road map (Sawmill site)

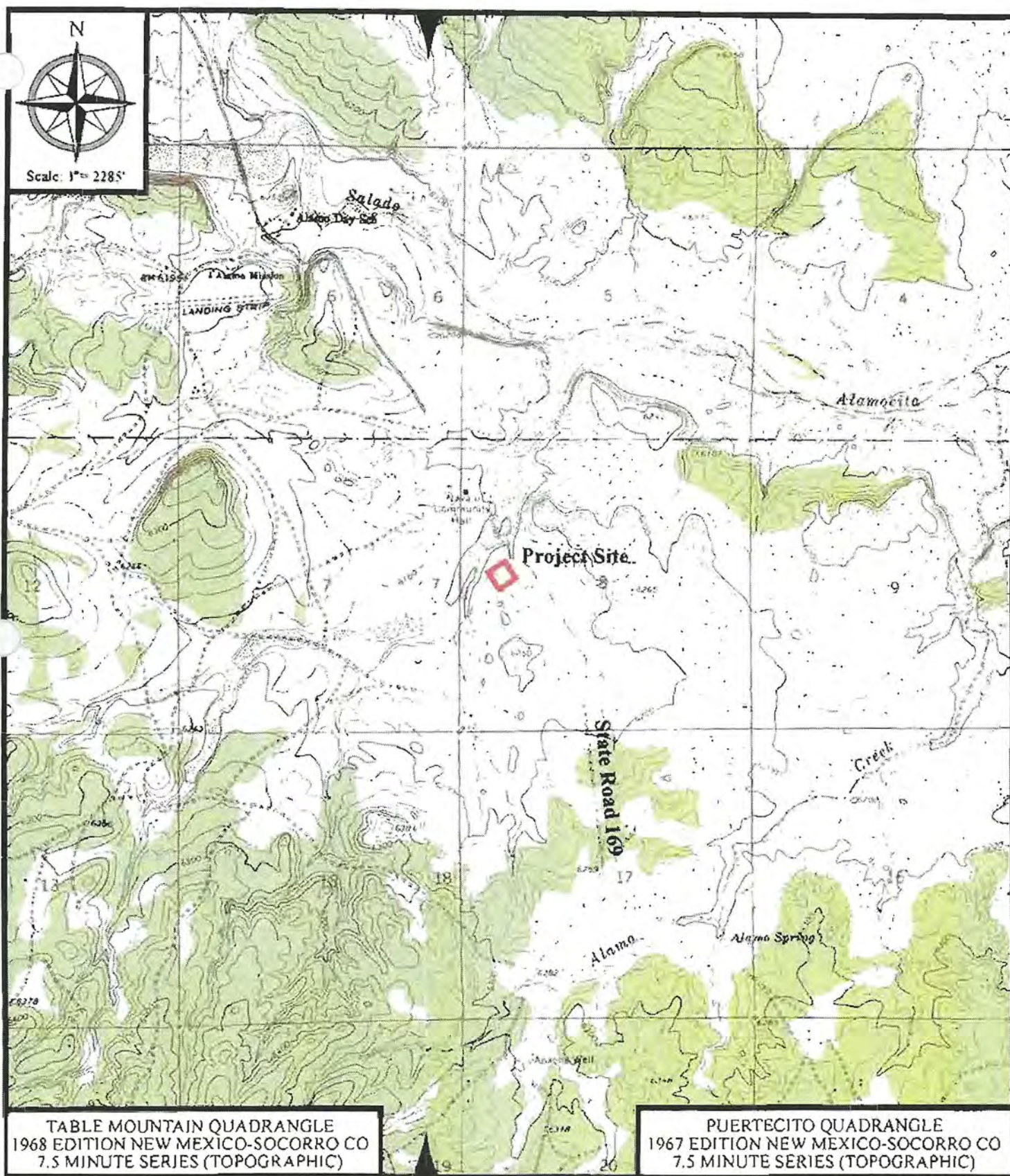


Figure 2a. LDS church project site map (Alamo site).

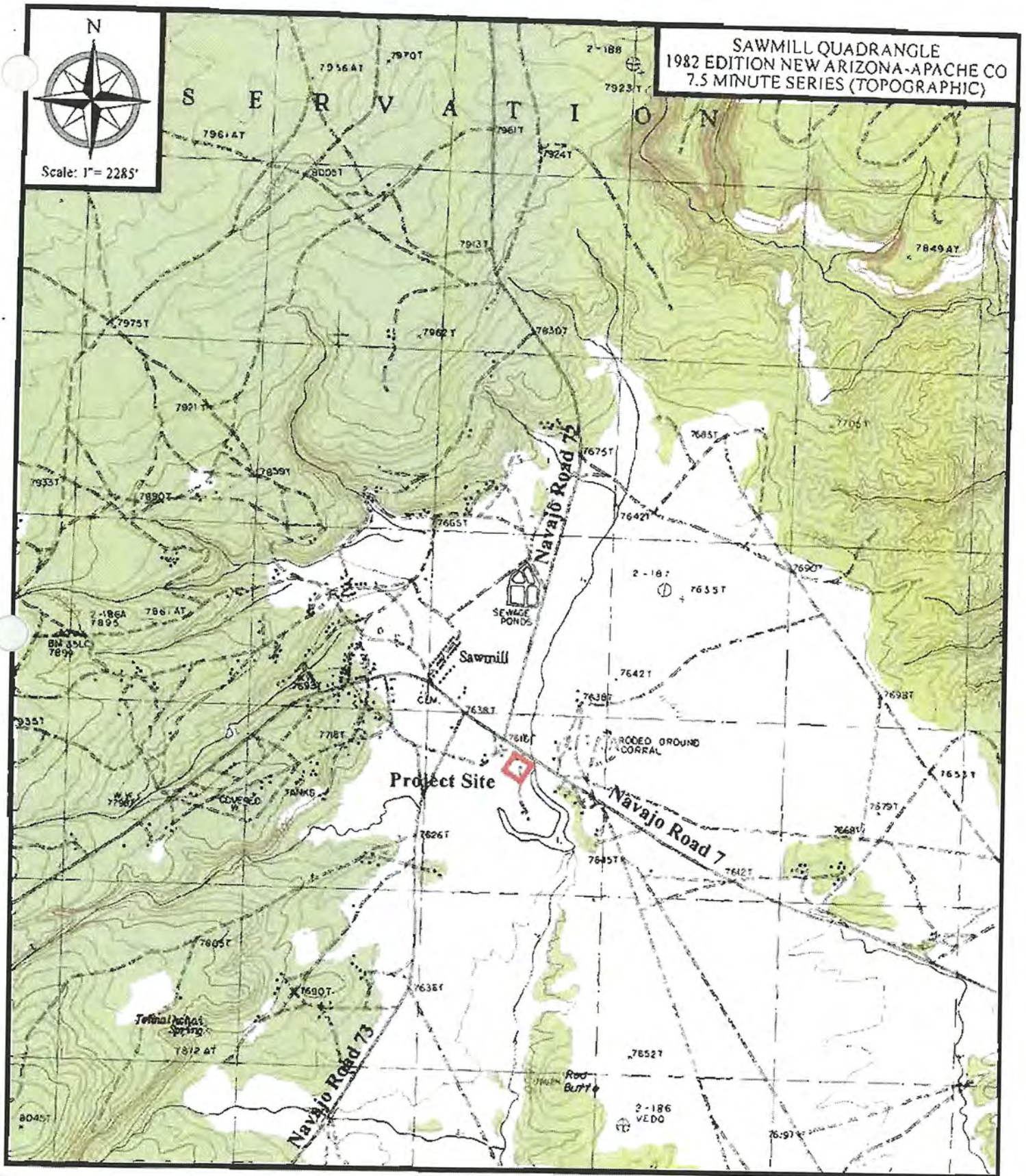


Figure 2b. LDS church project site map (Sawmill site).

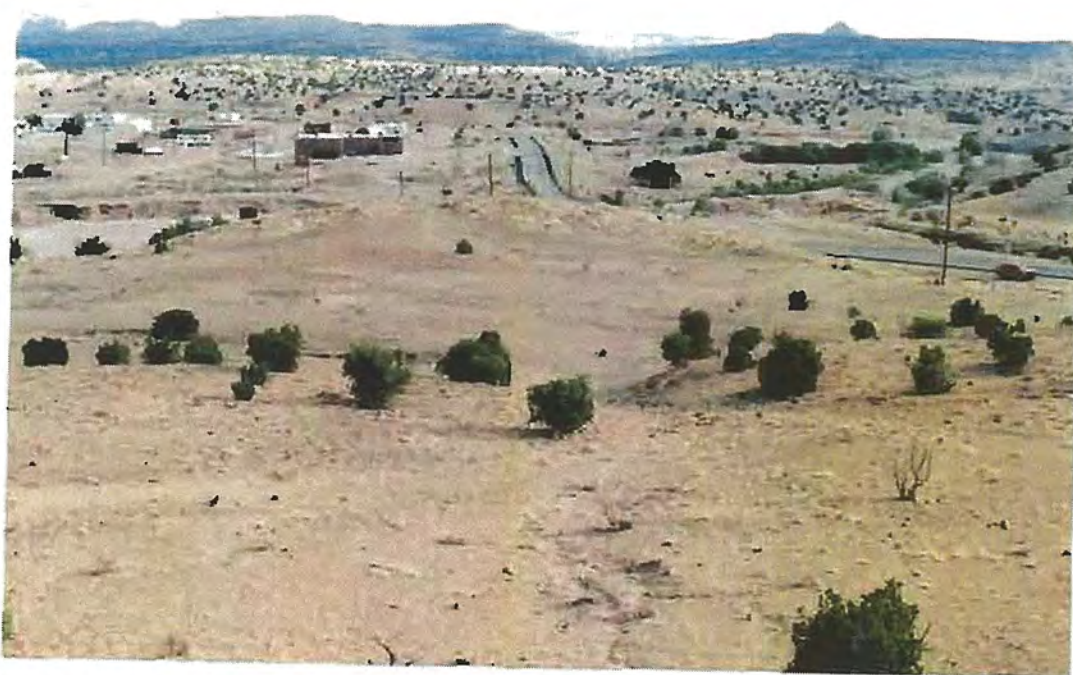


Photo 1: Looking north at Alamo project parcel (note: State Road 169 and chapter house complex).



Photo 2: Looking south at Alamo project parcel.

Figure 3a. LDS church project sites photographs.



Photo 3: Looking north at Sawmill project parcel.



Photo 4: Looking west at Sawmill project parcel (note: Navajo Road 7).

Figure 3b. LDS church project sites photographs.

III. SPECIES OF CONCERN

The Navajo Fish and Wildlife Department (NFWD) and U.S. Fish and Wildlife Service (USFWS) were contacted and species lists were obtained prior to conducting the survey. The species lists were combined and all are listed below with status definitions (see Appendix A for copies of lists).

Table 1. Species of Concern and their status (NFWD 2009, USFWS 2009a, and USFWS 2009b).

Scientific Name	Common Name	Status
<i>Buteo regalis</i>	Ferruginous hawk	NFWD-G3
<i>Canis lupus</i>	Gray wolf	USFWS-LE
<i>Carex specuicola</i>	Navajo sedge	USFWS-LT
<i>Catostomus discobolus yarrowi</i>	Zuni bluehead sucker	USFWS-LC
<i>Charadrius melodus</i>	Piping plover	USFWS-LE
<i>Coccyzus americanus</i>	Yellow-billed cuckoo	USFWS-LC
<i>Empidonax traillii extimus</i>	Southwestern willow flycatcher	USFWS-LE
<i>Erigeron rhizomatus</i>	Zuni fleabane	USFWS-LE
<i>Falco femoralis septentrionalis</i>	Northern aplomado falcon	USFWS-LE
<i>Gymnogyps californianus</i>	California condor	USFWS-LE
<i>Haliaeetus leucocephalus</i>	Bald eagle	USFWS-LT
<i>Helianthus paradoxus</i>	Pecos sunflower	USFWS-LT
<i>Hybognathus amarus</i>	Rio Grande silvery minnow	USFWS-LE
<i>Lepidomeda vittata</i>	Little Colorado spinedace	USFWS-LT
<i>Mustela nigripes</i>	Black-footed ferret	USFWS-LE
<i>Oncorhynchus apache</i>	Apache trout	USFWS-LT
<i>Pyrgulopsis chupaderae</i>	Chupadera springsnail	USFWS-LC
<i>Pyrgulopsis neomexicana</i>	Socorro springsnail	USFWS-LE
<i>Pyrgulopsis trivialis</i>	Three Forks springsnail	USFWS-LC
<i>Rana chiricahuensis</i>	Chiricahua leopard frog	USFWS-LT
<i>Sterna antillarum</i>	Least tern	USFWS-LE
<i>Strix occidentalis lucida</i>	Mexican spotted owl	USFWS-LT
<i>Thamnophis eques megalops</i>	Northern Mexican gartersnake	USFWS-LC

<i>Thermosphaeroma thermophilus</i>	Socorro isopod	USFWS-LE
<i>Tiaroga cobitis</i>	Loach minnow	USFWS-LT
<i>Tryonia alamosae</i>	Alamosa springsnail	USFWS-LE
<i>Zapus hudsonius luteus</i>	New Mexican meadow jumping mouse	USFWS-LC

Status Definitions For Table 1.

Navajo Endangered Species List Status Codes and Definitions

G2- Group 2: Endangered - Any species or subspecies which is in danger of being eliminated from all or a significant portion of its range on the Navajo Nation.

G3- Group 3: Threatened - Any species or subspecies which is likely to become endangered within the foreseeable future, throughout all or a significant portion of its range on the Navajo Nation.

G4- Group 4: Candidate - Any species or subspecies for which the NFWD does not currently have sufficient information to support their listing as G2 or G3 but has reason to consider them. The NFWD is actively seeking information to determine if they warrant inclusion in a different group or removal from the list. They are not protected under Tribal Code but should be considered in project planning.

Federal Status Codes and Definitions

LE - Listed Endangered by the USFWS under the Endangered Species Act (ESA).

LT - Listed Threatened by the USFWS under the ESA.

LC - Listed Candidate by the USFWS.

IV. METHODOLOGY

ZU conducted the survey on the Navajo Nation under NFWD permit number 17NNC;23NNC, 16USC;18USC, Special Permit 453.

The two proposed project parcels were surveyed on foot by two experienced biologist with knowledge of the listed species of concern. Complete survey coverage of the parcels was obtained by walking parallel transect within the respective right-of-way (ROW). Both of the ROWs are 2-acre squares, and the corners of all the sites were staked by representative of SLR. Detailed field notes were taken of the species and habitats encountered during the survey of the two tracts. Species encountered during the field survey for each site are listed in Appendix B. If a listed species or potentially suitable habitat was observed, the parcel was subject to further investigation to determine the potential impact of the proposed project. No species-specific surveys requiring special techniques were performed as part of the survey.

A 0.25-mile zone of influence surrounding the two project tracts were utilized to conduct evaluations for evidence of raptors and their nests. If active adult raptors or nests of raptors were observed, the general area was intensively examined to determine the potential impacts of the project. Active adults were defined as those raptors engaged in courtship actions, building or improving nests, or displaying territorial behavior. The general reconnaissance of the 0.25-mile zone of influence consisted of closely examining the surrounding terrain and trees. No transects were followed, but complete coverage was obtained by utilizing high ground as observation areas and by walking and driving blind spots.

An assessment of the wetland areas occurring within both the project parcels were also included in the survey procedure. The National Wetland Inventory (NWI) maps: Magdalena-New Mexico, and Ganado-Arizona/New Mexico, 1:100,000 scale were consulted (see Appendix C for copies of maps). In addition, evaluations were conducted for suspected areas not recorded on the NWI maps. The wetland criterion developed by the Army Corps of Engineers was utilized (Environmental Laboratory 1987).

V. RESULTS

The field survey date for both parcels was June 6, 2009. The survey was conducted during the appropriate flowering season for plant species. Expected project impacts on the TES species were based upon the presence or absence of individuals and habitat present. The weather during the survey of both project sites was clear with high, scattered clouds and winds ranging from 5 to 10 miles per hour with no precipitation.

The **ferruginous hawk** can be found statewide during migration as it moves toward its wintering grounds. On the Navajo reservation, there are 22 known nesting sites, 5 of which are in Arizona (Glinski 1998). This hawk inhabits areas of unbroken terrain such as grasslands, arid prairies, or areas of scattered pinyon-juniper woodlands (Johnsgard 1990). Nesting occurs in any available tree (6 to 60 feet) or a cliff ledge or on top of a rocky pinnacle of boulder-strewn elevation. Its diet consists almost exclusively of small mammals (Ehrlich et al. 1988). No suitable nesting habitat is present for this species within both parcels and surrounding zones of influence. Potential foraging habitat is present only on the Alamo tract and its zone of influence. No foraging habitat was observed for the ferruginous hawk on the Sawmill parcel. No individuals or nests were observed.

The **gray wolf** was once found throughout Arizona except in the Mohave and Sonoran desertscrub communities. This wolf is a large canid with a large body when compared to a dog (*Canis familiaris*), a broader nose pad, and more massive skull (Hoffmeister 1986). The gray wolf have been extirpated in Arizona with the last wolf north of the Mogollon Rim reportedly taken in 1942. The gray wolf has been reintroduced in east, central Arizona, and western New Mexico in the past couple of years. No suitable habitat is present on both sites. No individuals or dens were observed. Due to the absence of individuals, development of the area, permanent presence of area residents, and designation as an experimental population, no impacts are expected to the gray wolf.

The **Navajo sedge** is a member of the *Cyperaceae* (sedge family). This grass-like plant reaches a height of 10 to 16 inches with numerous stems growing from a rhizome, giving each plant a clumped form. Its habitat consists of shaded seep-spring, and hanging gardens on sandstone bedrock at an elevation range of 5,700 to 6,000 feet above sea level (USFWS 1987). This species is found within canyons located in pinyon-juniper woodlands. No suitable habitat such as shaded seep-springs or hanging gardens were noted within both project parcels and no individuals were observed within both project sites. No impacts are expected to the Navajo sedge.

The **Zuni bluehead sucker** has a nearly cylindrical body and blue head with a large, horizontal mouth with thick strongly papillose lips (Page and Burr 1991). The sucker has a sharp ridge or "radula" on the lower jaw that enables this fish to scrape insects, algae, and diatoms directly off rocks for food (Valdez 1993). This fish uses its radula to consume insects, algae, and diatoms directly off rocks for food. No suitable habitat such as spring areas and streams exist for this species in both survey areas. No impacts are anticipated to the Zuni bluehead sucker.

The **piping plover** is pale brown above and lighter below with a black band across forehead, and an incomplete black band encircles the body at the breast. This plover inhabits sand beaches and lakeshores (Peterson 1985). Generally, these plovers will forage for food around the high tide "wrack line" and along the waters edge. They mainly eat insects, marine worms, and crustaceans. No suitable aquatic habitat is present for this species on both project sites. No individuals were observed, and no impacts are expected to the piping plover.

The **yellow-billed cuckoo** nests primarily along wooded streams and is associated primarily with cottonwood gallery forests and/or cottonwood/willow associations. It has been recorded as a rare transient in desert habitats and in towns (Phillips et al. 1964). The cuckoo's diet consists of hairy caterpillars, bird eggs, frogs, lizards, berries and fruit. It builds platform nests in shrubs and young are fed insect regurgitant (Ehrlich et al. 1988). No suitable riparian habitat or individuals were observed in both survey areas. No impacts are anticipated to the yellow-billed cuckoo.

The **southwestern willow flycatcher** is one of about 10 species in the *Empidonax* genus complex. All species in this complex are extremely similar in appearance. Identification must be made by song while the species is on its breeding grounds (Kaufman 1990). The characteristic "fitz-bew" song identifies this species. Willow flycatchers are closely associated with riparian habitats, specifically areas of high shrub densities (AGFD 1996). Recent survey efforts have found this species in a variety of habitats including monotypic willow thickets, gallery cottonwood forests, and tamarisk stands. No riparian areas nor individuals of the *Empidonax* genus complex were observed in both survey areas. No impacts are expected to the southwestern willow flycatcher.

The **Zuni fleabane** is a member of the *Asteraceae* (aster family). This perennial herb grows from a horizontal stem or rhizome. Its white flowers are tinged with blue and appear from May to June (USFWS 1987). The plant community in which the species occurs is the Great Basin Conifer Woodland, with pinyon/juniper trees interspace with grasses and shrubs (Sivinski et al. 1995). This species is often found on steep easily eroded sandstone slopes and clay banks, usually in close association with Chinle and Baca formation at 7,300 to 8,000 feet elevation. The Alamo site did not have clay banks, and is located at an elevation lower than the species range. Potential habitat is present at the Sawmill site, but no individuals were observed during the survey. No impacts to the Zuni fleabane are anticipated.

The **northern aplomado falcon** is a medium-sized raptor with dark wing-linings and black belly which contrasts with the white or pale cinnamon breast. The falcon also has orange-brown coverts on the thighs and tail (Peterson 1985). This falcon inhabits areas of open grassland with scattered stands of mesquite and soap tree yucca, or at the edges of riparian woodlands that meander through

the grasslands. No suitable habitat such as mesquite or soap tree yucca or riparian woodlands were observed at the Alamo and Sawmill sites. No individuals were found. No impacts to the northern aplomado falcon are expected.

The **California condor** is the largest bird of prey in North America, with a wingspan approaching 10 feet and weighing 20-22 pound. In December 1996, an experimental population of condors were released at the Vermillion Cliffs in northern Arizona (Glinski 1998). Immature condors differ from adults by lacking conspicuous white underlinings. The young have black, dusky bare heads, and adults have yellow or orange bare heads. They are not habitat specialists, and historically, occupied diverse ecological zones ranging from seacoasts to grasslands and forest-covered mountains (Glinski 1998). No suitable nesting or foraging habitat is present for this species in the project tracts and zones of influence. This is due to development of the surround area, both adjacent to the project sites and within the zones of influence. No individuals or nests were observed. No impacts to the California condor are expected.

The **bald eagle** is the symbol of America. There are currently 40 known breeding areas in Arizona (Glinski 1998). Snags, mature trees and cliff-ledges are commonly used as roost and nest sites (AGFD 1996). Roost sites may or may not be located close to feeding areas. Its preferred habitat generally consists of riparian areas adjacent to rivers, reservoirs, lakes and ponds. Fish are the primary food source, but waterfowl, small mammals, and carrion are also important food items (USFWS 1991). Migrating eagles are bohemian in nature and can be expected to turn up anywhere that food is abundant, even in areas far removed from water. No suitable nesting or foraging habitat is present within both the project parcels and surrounding zones of influence. This is due to development of the area surrounding both project parcels. No eagles or nests were observed. No impacts to the bald eagle are expected.

The **Pecos sunflower** is a member of the *Asteraceae* (aster family). This annual, herbaceous plant grows to 3.3 to 9.9 feet tall and is branched at the top. The flower heads are 2.0 to 2.8 inches in diameter with bright yellow rays around a dark purplish brown center (the disc flowers). This annual species that must re-establish populations of adult plants each year from seed produced during previous years' reproductive efforts. The sunflower inhabits small areas around springs and ponds with suitable alkaline soils and perennially wet hydrologic conditions (USFWS 2005). No suitable wet, alkaline habitat was observed on both sites. No impacts to the Pecos sunflower are anticipated.

The **Rio Grande silvery minnow** is a stout silvery minnow with moderately small eyes and a small, slightly oblique mouth with adults reaching 3.5 inches in total length (Sublette et al. 1990). Its dorsal fin is distinctly pointed with the front of it located slightly closer to the tip of the snout than to the base of the tail. The fish is silver with emerald reflections and belly is silvery white with plain fins, and absent barbels. This minnow travels in schools and prefers large streams with slow to moderate currents over a mud, sand, or gravel bottom. No suitable habitat such as spring areas and streams exist for this fish in both survey areas. No impacts are expected to the Rio Grande silvery minnow.

The **Little Colorado spinedace** is a small (usually less than 4 inches) silvery minnow. This fish is darker on the back than on the belly. The spinedace inhabits moderate to small streams and is

characteristically found in pools with water flowing over fine gravel and silt-mud substrates (Minckey 1973). This fish persists in deep pools and spring areas which retain water, and during times of flooding the spinedace redistributes itself throughout the stream (USFWS 1991). No suitable habitat such as spring areas and streams exist for this species in both survey areas. No impacts are expected to the Little Colorado spinedace.

The **black-footed ferret** is a small carnivore of the *Mustelidae* or weasel family. Ferrets are generally 1.5 feet long, light in color except for the face, feet, and the tip of the tail which are dark to black. Black-footed ferrets lead a solitary existence, except for the period when mother and young are together. Their diet consists primarily of prairie dogs and they live within the boundaries or in close proximity to prairie dog towns (Cockrum 1982). No ferrets or prairie dogs or their burrows were observed within the Alamo site. One small area (less than one acre) was observed adjacent to the Sawmill site. No ferrets were observed at the Sawmill site. Based on these observations and the criteria set forth in the black-footed ferret guidelines (NFWF 1985), no impacts are expected to the black-footed ferret.

The **Apache (Arizona) trout** is a yellow or yellow-olive, cutthroat-like trout with large, dark spots on its body. The dorsal, anal, and caudal fins are edged with white. This fish inhabits clear, cool water of high mountain streams. The only pure populations remain in the few streams on the Fort Apache Reservation and Apache-Sitgreaves National Forest (USFWS 1987). No suitable habitat such as streams or rivers exist for this species in all the survey areas. No impacts are anticipated to the Apache trout.

The **Chupadera springsnail** is an aquatic species is endemic to Willow Spring on the Willow Spring Ranch (formerly Cienega Ranch) at the south end of the Chupadera Mountains in Socorro County, New Mexico. This thermal springsnail has been documented from two springs that flow through gravels containing sand, mud, and hydrophytic plants (NatureServe 2009). The snail is thought to feed on aquatic vegetation including watercress (*Nasturtium* spp.), *Ranunculus*, and filamentous green algae. No suitable habitat is present for this snail on both project parcels. No impacts to the Chupadera springsnail is expected.

The **Socorro springsnail** is a tiny aquatic snail with an elongated, light tan, spiral shell that measures only 0.1 inches in length. The females are larger than males. The snail's body and head are dark gray to black; the tentacles are dark at the base and lightening to pale gray at the tips (Beacham 2000). The springsnail feeds on algae and elements of the organic film on the water. This snail species inhabits slowly flowing water near a thermal spring source. It is found on stones, among aquatic vegetation, and in the upper layer of organic muck on the bottom. No suitable habitat is present on both project sites. No impacts are anticipated to the Socorro springsnail.

The **Three Forks springsnail** is a mollusk that is strictly aquatic with respiration occurring through an internal gill known as a ctenidium (USFWS 2007). It is believed that the springsnail feed primarily on periphytic diatoms found on hard surfaces using its radula. The springsnail is locally endemic to the Three Forks and Boneyard spring complexes in the North Fork and East Fork, Black River, Apache-Sitgreaves National Forest. No suitable aquatic habitat was observed for this

spring snail within the Alamo and Sawmill project parcels. No impacts are anticipated to the Three Forks spring snail.

The **Chiricahua leopard frog** is highly aquatic, and is found inhabiting rocky streams with deep rock-bound pools in oak, mixed oak, pine woodlands and forests. This species also ranges into areas of chaparral, grassland and desert, where it frequents streams, river overflow pools, oxbows, permanent springs, ponds and earthen stock tanks. The frogs breeding at higher elevations breed from May to August, and in lower, warmer localities from mid-March to June (Stebbins 1985). No suitable aquatic habitat was observed for this frog within the project parcels. No impacts are expected to the Chiricahua leopard frog.

The **least tern** is the smallest North American tern averaging 9-inches in length. The body of least terns is predominately gray and white, with black streaking on the head, and a forked tail and narrow pointed wings (Peterson 1985). Unlike gulls, terns will dive into the water for small fish. The tern inhabits beaches, bays, ocean, and estuaries. No suitable aquatic habitat is present for this tern on both project parcels. No individuals were observed, and impacts to the least tern are anticipated.

The **Mexican spotted owl (MSO)** is one of three owls in North America with dark eyes, and the current population estimates are crude, but suggest that there may be 600 to 1,200 MSOs in Arizona (Glinski 1998). Preferred habitat includes steep mountains or canyons containing mixed conifer, ponderosa pine, pine-oak forests or deciduous riparian forest (Spahr et al. 1991, Ganey et al. 1988). A large majority of MSO roost sites have been located in canyon bottoms and on lower slopes within dense unmanaged stands of trees. Its diet consists mostly of rodents and lagomorphs (Ehrlich et al. 1988), although, these owls are considered opportunistic and are known to take insects, reptiles, and birds. There is no suitable habitat present for this species in the tracts and zones of influence due to the development of the surrounding areas, absence of abrupt woodland topography and multi-layer tree canopy. No impacts are expected to the MSO.

The **northern Mexican gartersnake** is a striped snake with a whitish to greenish crescent behind the corner of the mouth and paired black blotches at the back of the head. This species occurs primarily in permanent streams and marshes in central south-central, and southeastern Arizona (AGFD 1996). The snake is primarily a highland canyon snake of pine-oak forest and pinon-juniper woodland, usually found in or near water, where it apparently feeds chiefly on frogs (Stebbins 1985). No suitable wet habitat is present for this species within both project tracts. No impacts to the northern Mexican gartersnake is anticipated.

The **Socorro isopod** has a flattened body with seven pairs of legs, antennae on the head, and oar-like extensions (uropods) on the last segment (Hatch 1979). The males average about 3-inches in length, while the females are usually 2-inches. The isopod is confined to a thermal outflow approximately 1.86 miles west of the City of Socorro in the Socorro Mountains. Algae is the primary food source, but detritus and dragonfly nymphs are also consumed. No aquatic habitat is present for this species within the two project sites. No impacts to the Socorro isopod are expected.

The **loach minnow** is a small (less than 3 inches), slender, elongated fish. This species is olive colored with dirty, white spots at the base of the dorsal and caudal fins. During breeding, the males develop vivid red-orange markings. The loach minnow is a bottom dweller of small to large perennial creeks and rivers, typically in shallow turbulent riffles with cobble substrate, swift currents and filamentous algae (USFWS 1987). No suitable habitat such as streams or rivers exist for this species in the survey areas. No impacts are expected to the loach minnow.

The **Alamosa springsnail** is a minute aquatic snail with a thin, translucent spiral shell up to 0.1 inch in length (Beacham 2000). The females are about 50 percent larger than males. The body varies from black to gray and its tentacles are speckled with dark spots. This species breathes by means of gills rather than lungs and feeds on algae and organic detritus. It is currently known only from Ojo Caliente and a nearby system of smaller thermal springs. No suitable aquatic habitat is present for this species on both project sites. No impacts are expected to the Alamosa springsnail.

The **New Mexico meadow jumping mouse** has elongated hind legs, a long, not heavily haired tail, pale coloration with a weak dorsal dark band and with much ochraceous color on the dorsum (Hoffmeister 1986). This jumping mouse inhabits grassy places in close association with water (creeks and rivers) high in the White and Mogollon mountains, just below the spruce-fir and among yellow pines at least 8,000 feet in elevation. The mouse feeds on fruits and seed, but frequently feed on insects, snails, slugs, and milipeds. No suitable high elevation habitat is present for this mouse on both project parcels. No impacts are expected to the New Mexico meadow jumping mouse.

VI. CONCLUSIONS

It is determined that there will be no significant impacts to the following species:

1. Gray wolf
2. Navajo sedge
3. Zuni bluehead sucker
4. Piping plover
5. Yellow-billed cuckoo
6. Southwestern willow flycatcher
7. Zuni fleabane
8. Northern aplomado falcon
9. California condor
10. Bald eagle
11. Pecos sunflower
12. Rio Grande silvery minnow
13. Little Colorado spinedace
14. Black-footed ferret
15. Apache trout
16. Chupadera springsnail
17. Socorro springsnail

18. Three Forks springsnail
19. Chiricahua leopard frog
20. Least tern
21. Mexican spotted owl
22. Northern Mexican gartersnake
23. Socorro isopod
24. Loach minnow
25. Alamosa springsnail
26. New Mexican meadow jumping mouse

These species were not present in the proposed project sites (Alamo and Sawmill) and zones of influence and are highly unlikely to be present in the project areas due to the absence of critical habitat requirements or absence of individuals. No mitigation is required for these species.

No nesting habitat is present within the project tracts and zones of influence for the species listed below. Only potential foraging habitat exists within one of the project parcel and zone of influence for this species:

1. Ferruginous hawk

Potential foraging habitat exists for the ferruginous hawk on the Alamo project sites (2.0 acres). But, due to the transient nature of foraging individuals, they are not expected to be adversely impacted. No mitigation is required.

Wetlands would not be impacted by implementation the proposed project. No wetlands are located within the project parcels, however, each site has a wetland depicted as occurring near the project parcels. The Alamo site has an unnamed wash northwest of the parcel but it would not be affected by the project. The Sawmill site has a earth tank located southeast of the parcel but this tank would not be affected by the project. No mitigation is required other than what is listed below in the Mitigations section below.

VII. MITIGATIONS

It is recommended that construction firm use all available existing roads during the construction of the church meeting houses and associated parking lots. No other mitigation is recommended for this project.

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Appendix A

**Response letter from Navajo Fish and Wildlife Department and
species lists from U.S. Fish and Wildlife Service website**



THE
NAVAJO
NATION

JOE SHIRLEY, JR.
PRESIDENT
Ben Shelly
VICE PRESIDENT

Dept. of Fish & Wildlife • P.O. Box 1480 • Window Rock, AZ 86515 • (928) 871-6451 • Fax (928) 871-7069

26 May 2009

File#0921101

Bob Manygoats
Zoology Unlimited LLC
P.O. Box 31132
Flagstaff, AZ 86003

SUBJECT: PROPOSED CONSTRUCTION OF A CHURCH MEETING HOUSE AND ASSOCIATED
PARKING LOT ON TWO SEPARATE LOCATIONS
LOCATED IN LEGAL DESCRIPTION T29N, R30E, SEC. 29 & 30,
SAWMILL, APACHE COUNTY, AZ
LOCATED IN LEGAL DESCRIPTION T2N, R6W, SEC. 8,
PUERTOCITO, SOCORRO COUNTY, NM

Mr. Manygoats:

The following information on species of concern¹ is provided in response to your 04 May 2009 request concerning the subject project, which consists of the proposed construction of a church meeting house and associated parking lot on two separate locations (both 2.0 acres in size) on Navajo tribal trust land in Arizona and New Mexico.

Each 7.5-minute quadrangle containing project boundaries is addressed separately below. For potentially occurring species these species lists are quadrangle-specific rather than project-specific. Potential for species has been determined primarily on quadrangle-wide coarse habitat characteristics and species range information. Your project biologist should determine habitat suitability at the project site(s).

A total of one (01) species both known and/or potential are included in this response. They are
1. Buteo regalis (Ferruginous Hawk), NESL group 3; MBTA.

PUERTOCITO, NM 7.5-MINUTE QUADRANGLE
Project Location: LDS Alamo

¹"Species of concern" include protected, candidate, and other rare or otherwise sensitive species, including certain native species and species of economic or cultural significance. For each species, the following tribal and federal statuses are indicated: Navajo Endangered Species List (NESL), federal Endangered Species Act (ESA), Migratory Bird Treaty Act (MBTA), and Eagle Protection Act (EPA). No legal protection is afforded species with only ESA candidate or NESL group 4 status, please be aware of these species during surveys and inform the NFWF of observations. Documentation that these species are more numerous or widespread than currently known, and addressing these species in project planning and management is important for conservation and may contribute to ensuring they will not be uplisted in the future. Species without ESA or NESL legal protection (e.g., NESL group 4 species) are only included in responses on a regular basis and may not be included in this response. Please refer to the NESL for a list of group 4 species; contact me if you need a copy.

Although the Navajo Fish and Wildlife Department (NFWD) has no record of species of concern occurring on or near the project site(s) at this time, the potential for certain species of concern to occur needs to be evaluated.

Species of concern with potential to occur on the 7.5-minute quadrangle(s) containing the project boundaries include the following:

1. Buteo regalis

AREA 3: LOW SENSITIVITY WILDLIFE RESOURCES

SAWMILL, AZ 7.5-MINUTE QUADRANGLE

Project Location: LDS Sawmill

The project is not expected to affect any federally listed species or significantly impact any tribally listed species or other species of concern.

AREA 4: COMMUNITY DEVELOPMENT

Biological surveys need to be conducted during the appropriate season to ensure they are complete and accurate please refer to NN Species Accounts.⁴ Further questions pertaining to surveys should be referred to Species Account. Surveyors on the Navajo Nation must be permitted by the Director, NFWD. Contact Jeff Cole at (928) 871-7068 for permitting procedures. Questions pertaining to surveys should be directed to the NFWD Zoologist (David Mikesic) for animals at 871-7070, and Botanist (Daniela Roth) for plants at (928)523-8445. Questions regarding biological evaluation should be directed to Jeff Cole (Acting Environmental Reviewer) at 871-7060.

Potential impacts to wetlands should also be evaluated. The U.S. Fish & Wildlife Service's National Wetlands Inventory (NWI) maps should be examined to determine whether areas classified as wetlands are located close enough to the project site(s) to be impacted. In cases where the maps are inconclusive (e.g., due to their small scale), field surveys must be completed. For field surveys, wetlands identification and delineation methodology contained in the 'Corps of Engineers Wetlands Delineation Manual' (Technical Report Y-87-1) should be used. When wetlands are present, potential impacts must be addressed in an environmental assessment and the Army Corps of Engineers, Phoenix office, must be contacted. NWI maps are available for examination at the NFWD's Natural Heritage Program (NHP) office, or may be purchased through the U.S. Geological Survey (order forms are available through the NHP). The NHP has complete coverage of the Navajo Nation, excluding Utah, at 1:100,000 scale; and coverage at 1:24,000 scale in the southwestern portion of the Navajo Nation.

The information in this report was identified by the NFWD's biologists and computerized database, and is based on data available at the time of this response. If project planning takes more than two (02) years from the date of this response, verification of the information provided herein is strongly recommended. It should not be regarded as the final statement on the occurrence of any species, nor should it substitute for on-site surveys. Also, because the NFWD's information is continually updated, any given information response is only wholly appropriate for its respective request.

This response is based on information in the Navajo Natural Heritage Program database, knowledge of staff biologists about the project area; the scope of the project; the USGS topographic map of the project area;

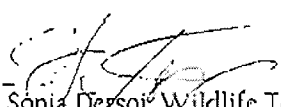
⁴ Available free of charge on our website at <http://nnhp.navajofishandwildlife.org/>

and information you provided. Because the NFWD's information is continually updated, any given information response is only wholly appropriate for its respective request.

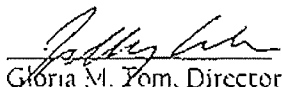
For a list of sensitive species on the Navajo Nation in addition to the species listed on the Navajo Endangered Species List (NESL) please refer to our website at www.nndfw.org.

An invoice for this information is attached.

If you have any questions I may be reached at (928) 871-6472.


Sonja Degsoi, Wildlife Tech.
Natural Heritage Program
Department of Fish and Wildlife

CONCURRENCE


Gloria M. Yom, Director
Department of Fish & Wildlife
Division of Natural Resources

xc: file/chrono



U.S. Fish & Wildlife Service

Endangered Species List

[Back to Start](#)

List of species by county for New Mexico:

Counties Selected: Socorro

Select one or more counties from the following list to view a county list:

Bernalillo

Catron



































Chaves













Cibola

Colfax

[View County List](#)

Socorro County

<u>Common Name</u>	<u>Scientific Name</u>	<u>Species Group</u>	<u>Listing Status</u>	<u>Species Image</u>	<u>Species Distribution Map</u>	<u>Critical Habitat</u>	<u>More Info</u>
Alamosa springsnail	<i>Tryonia alamosae</i>	Snails	E				
bald eagle	<i>Haliaeetus leucocephalus</i>	Birds	DM				
black-footed ferret	<i>Mustela nigripes</i>	Mammals	E, EXPN				
Chiricahua leopard frog	<i>Rana chiricahuensis</i>	Amphibians	T				
Chupadera springsnail	<i>Pyrgulopsis chupaderae</i>	Snails	C	No Image			
least tern	<i>Sterna antillarum</i>	Birds	E				
Mexican spotted owl	<i>Strix occidentalis lucida</i>	Birds	T			Final	
New Mexican meadow jumping mouse	<i>Zapus hudsonius luteus</i>	Mammals	C	No Image			
northern aplomado falcon	<i>Falco femoralis septentrionalis</i>	Birds	E				
Pecos (=puzzle, "paradox") sunflower	<i>Helianthus paradoxus</i>	Flowering Plants	T				
pipit Plover	<i>Charadrius melodus</i>	Birds	E, T				
Rio Grande silvery minnow	<i>Hybognathus amarus</i>	Fishes	E			Final	

Socorro isopod	<i>Thermasphaeroma thermophilus</i>	Crustaceans	E			
Socorro springsnail	<i>Pyrgulopsis neomexicana</i>	Snails	E			
Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>	Birds	E			<u>Final</u> 
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	Birds	C			



U.S. Fish & Wildlife Service

Endangered Species List

[Back to Start](#)

List of species by county for Arizona:



































Counties Selected: Apache













Select one or more counties from the following list to view a county list:

Apache
Cochise
Coconino
Gila
Graham

[View County List](#)

Apache County

Common Name	Scientific Name	Species Group	Listing Status	Species Image	Species Distribution Map	Critical Habitat	More Info
Apache trout	<i>Oncorhynchus apache</i>	Fishes	T				
black-footed ferret	<i>Mustela nigripes</i>	Mammals	E, EXPN				
California condor	<i>Gymnogyps californianus</i>	Birds	E, EXPN				
Chiricahua leopard frog	<i>Rana chiricahuensis</i>	Amphibians	T				
gray wolf	<i>Canis lupus</i>	Mammals	DR, E, EXPN, T				
Little Colorado spinedace	<i>Lepidomedus vittata</i>	Fishes	T			Final	
loach minnow	<i>Tiaroga cobitis</i>	Fishes	T			Final	
Mexican spotted owl	<i>Strix occidentalis lucida</i>	Birds	T			Final	
Navajo sedge	<i>Carex specuicola</i>	Flowering Plants	T				
New Mexican meadow jumping mouse	<i>Zapus hudsonius luteus</i>	Mammals	C	No Image			
Northern Mexican gartersnake	<i>Thamnophis eques megalops</i>	Reptiles	C	No Image			
southwestern willow flycatcher	<i>Empidonax traillii eximius</i>	Birds	E			Final	

Three Forks Springsnail	<i>Pyrgulopsis trivialis</i>	Snails	C			
yellow-billed Cuckoo	<i>Coccyzus americanus</i>	Birds	C			
Zuni bluehead Sucker	<i>Catostomus discobolus yarrowi</i>	Fishes	C			
Zuni fleabane	<i>Erigeron rhizomatous</i>	Flowering Plants	Y			

Appendix B

Tables of Mammals, Birds, Reptiles, Amphibians, and Plant Species encountered during the Field Survey

Alamo project site

Mammal Species

None

Bird Species

Mourning dove
Horned lark
Common raven
Mockingbird
Chipping sparrow

Zenaidura macroura
Eremophila alpestris
Corvus corax
Mimus polyglottos
Spizella passerina

Reptile and Amphibian Species

None

Plant Species

Utah juniper
Tamarisk
Blue gama
Sacaton
Purple three-awn
Cheatgrass brome
Prickly pear cactus
Tree cholla
Hedgehog cactus
Navajo yucca
Sagebrush
Broom snakeweed
Rabbitbrush
Four-wing saltbush
Tumble weed
Threadleaf groundsel
Purple aster
Horehound
Scarlet false mallow

Juniperus osteosperma
Tamarix chinensis
Bouteloua gracilis
Sporobolus wrightii
Aristida purpurea
Bromus tectorum
Opuntia phaeacantha
Opuntia imbricata
Pediocactus simpsonii
Yucca navajoa
Artemisia tridentata
Gutierrezia sarothrae
Chrysothamnus nauseosus
Atriplex canescens
Salsola kali
Senecio douglassii
Machaeranthera canescens
Marrubium vulgare
Sphaeralcea coccinea

Sawmill project site

Mammal Species

None

Bird Species

Violet-green swallow
Common raven
Scrub jay
Brown-headed cowbird
Western bluebird

Tachycineta thalassina
Corvus corax
Aphelocoma coerulescens
Molothrus ater
Sialia mexicana


Reptile and Amphibian Species

None

Plant Species

Utah juniper
Cottonwood
Russian olive
Blue gama
Mountain muhly
Bottlebrush
Quackgrass
Cheatgrass brome
Purple three-awn
Sagebrush
Broom snakeweed
Rabbitbrush
Tumble weed
Spreading fleabane
Purple aster
Desert dandelion
Western peppergrass
Bracken fern
Puncture vine
Horsetail
Common reed

Juniperus osteosperma
Populus fremontii
Elaeagnus angustifolia
Bouteloua gracilis
Muhlenbergia montana
Sitanion hystrix
Elytrigia repens
Bromus tectorum
Aristida purpurea
Artemisia tridentata
Gutierrezia sarothrae
Chrysothamnus nauseosus
Salsola kali
Erigeron divergens
Machaeranthera canescens
Malacotrichia glabrata
Lepidium fremontii
Pteridium aquilinum
Tribulus terrestris
Equisetum hiemale
Phragmites australis

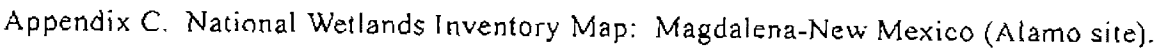


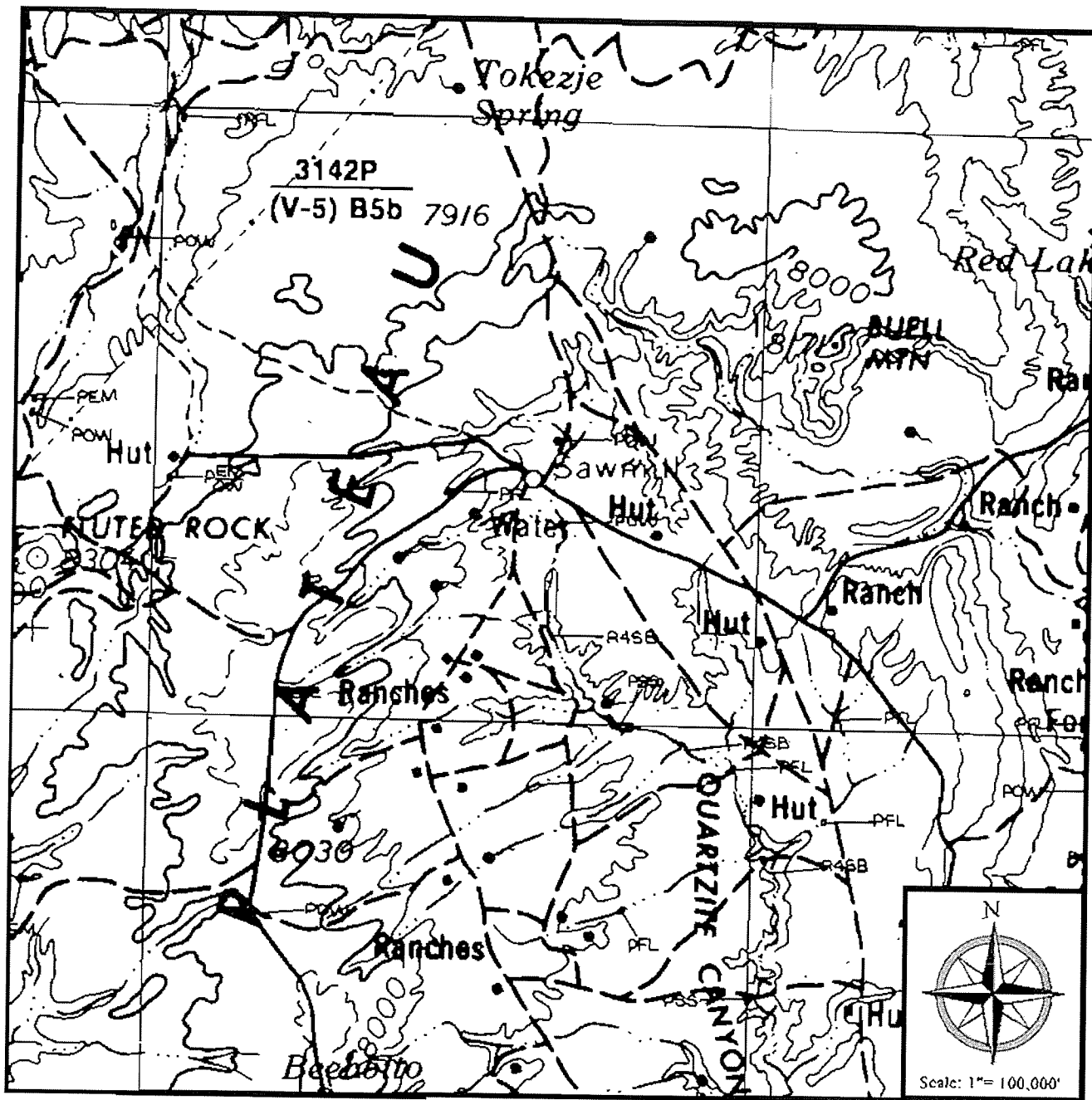
Princes's plume
Scotch thistle
Desert anemone
Scarlet false mallow
Tansy mustard

Stanleya pinnata
Onopordum acanthium
Anemone tuberosa
Sphaeralcea coccinea
Descurainia pinnata

Appendix C

National Wetland Inventory Maps: Magdalena-New Mexico, and Ganado-Arizona/New Mexico





Appendix C. National Wetlands Inventory Map: Ganado-Arizona/New Mexico (Sawmill site).

Appendix D

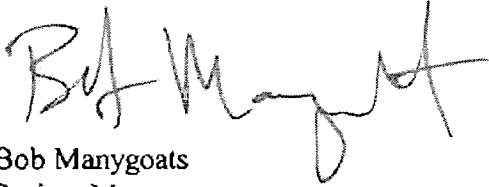
Signature Page and Contact Information for the Project Proponent

SIGNATURE AND CONTACT INFORMATION FOR THE PROJECT PROPONENT

1. Signature

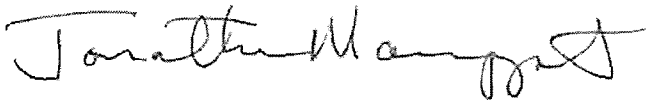
The following two Zoology Unlimited, LLC, biologist conducted the field survey and prepared the compliance documentation for the proposed project:

A. Signature One for the Biological Survey Report for Species of Concern on SLR International Corporation's Projects in Alamo, New Mexico, and Sawmill, Arizona, dated June 9, 2009.



Bob Manygoats
Project Manager

B. Signature Two for the Biological Survey Report for Species of Concern on SLR International Corporation's Projects in Alamo, New Mexico, and Sawmill, Arizona, dated June 9, 2009.



Jonathan Manygoats
Biologist

2. Contact Information for Project Proponent

Mr. Doug Cheesman
Latter-day Saints Real Estate Service
830 East Second Avenue
Mesa, Arizona 85204
Telephone: (480) 834-4934
Facsimile: (480) 889-0832

Zoology Unlimited LLC

Post Office Box 31132, Flagstaff, Arizona 86003 (928) 779-2287, Facsimile (928) 779-2189

June 9, 2009

Environmental Reviewer
Navajo Nation Department of Fish & Wildlife
Natural Heritage Program
Post Office Box 1480
Window Rock, Arizona 86515

To whom it may concern

Zoology Unlimited, LLC, is submitting a biological survey report for SLR International Corporation's (SLR) proposed projects in Alamo, New Mexico, and Sawmill, Arizona. SLR is preparing a Environmental Assessment for the two projects which are located on the Navajo Nation, and part of the compliance stipulations is a species of concern survey utilizing procedures and reporting format specified by the Navajo Nation Department of Fish and Wildlife.

We have complete the biological survey on each site and have prepared the compliance documentation for the proposed project. We are requesting a review of the enclosed report. We will contact you in the near future to discuss and address any concerns, if necessary. Thank you for your time and effort in this matter. If you have any questions or concerns, please feel free to contact me at our Flagstaff office (928) 779-2287, or via e-mail at zoologyu@flagstaff.az.us.

Sincerely,



Bob Manygoats
Zoology Unlimited, LLC

enclosure

~~cc: Mr. Jason Abel, P.E., SLR International Corp.~~

APPENDIX D

**CULTURAL RESOURCES INVENTORY SURVEY /
CULTURAL RESOURCES COMPLIANCE FORM**

CULTURAL RESOURCES COMPLIANCE FORM

THE NAVAJO NATION
HISTORIC PRESERVATION DEPARTMENT
PO BOX 4950
WINDOW ROCK, ARIZONA 86515

ROUTING: COPIES TO

AZ

SHPO

REAL PROPERTY MGT/330

XX

CSWTA

NNHPD NO. **HPD-09-306**

OTHER PROJECT NO.

CSWTA-ARCH-2009025

PROJECT TITLE: A Cultural Resources Inventory Survey for the Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Proposed Church Mission Site with Associated Utilities in the Vicinity of Sawmill, Apache County, Arizona

LEAD AGENCY: BIA/NR

SPONSOR: Doug Chessman, 830 E. 2nd Ave., Mesa, Arizona 85204

PROJECT DESCRIPTION: The proposed undertaking will involve a mission site lease & the construction of missionary buildings along with the installation of associated facilities/utilities within the 2.0-acre lease area. Ground disturbance will be intensive and extensive with the use of heavy equipment.

LAND STATUS: Tribal Trust

CHAPTER: Sawmill

LOCATION: T.29N, R.30E - Sec. 29 & 30; Sawmill Quadrangle, Apache County, Arizona G&SRPM&B

PROJECT ARCHAEOLOGIST: Loretta Flatrock

NAVAJO ANTIQUITIES PERMIT NO.: B09164

DATE INSPECTED: 03/28/09

DATE OF REPORT: 04/02/09

TOTAL ACREAGE INSPECTED: 2.73-ac

METHOD OF INVESTIGATION: Class III pedestrian inventory with transects spaced 10-12 m apart.

LIST OF CULTURAL RESOURCES FOUND: None

LIST OF ELIGIBLE PROPERTIES: None

LIST OF NON-ELIGIBLE PROPERTIES: None

LIST OF ARCHAEOLOGICAL RESOURCES: None

EFFECT/CONDITIONS OF COMPLIANCE: **No historic properties affected.**

In the event of a discovery ["discovery" means any previously unidentified or incorrectly identified cultural resources including but not limited to archaeological deposits, human remains, or locations reportedly associated with Native American religious/traditional beliefs or practices], all operations in the immediate vicinity of the discovery must cease, and the Navajo Nation Historic Preservation Department must be notified at (928) 871-7148.

FORM PREPARED BY: Tamara Billie

FINALIZED: April 10, 2009

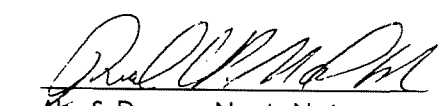
Notification to

Proceed Recommended:

Yes XX No

Conditions:

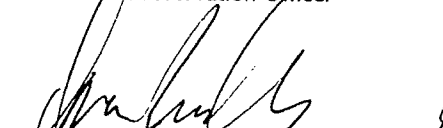
Yes No XX


Alan S. Downer, Navajo Nation
Historic Preservation Officer

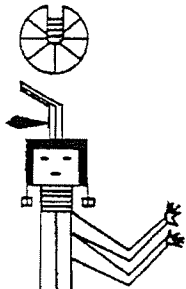
4/10/09
Date

Navajo Region Approval:

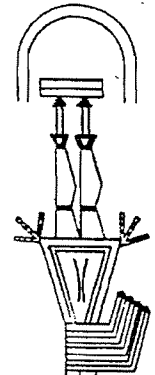
Yes p No


BIA-Regional Director

4-20-09
Date



CSWTA, Inc., Archaeological Consultants
A Tł'izikání Corporation
P. O. Box 790 • Tuba City, AZ 86045 • (928) 283-4323



April 3, 2009

Doug Chessman
830 E. 2nd Ave.
Mesa, Arizona 85304

Dear Mr. Chessman:

Enclosed is a final Cultural Resources Inventory Survey for the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Proposed Church Mission Site with Associated Utilities in the Vicinity of Sawmill, Apache County, Arizona. Three (3) copies of the report have been mailed to the Navajo Nation Historic Preservation Department in Window Rock for clearance.

If you have any questions, please call me at (928) 283-4323. Thank you for your business.

Sincerely,

Carol S. Yazzie-Ward
President

Enclosure

ARCHAEOLOGICAL INVENTORY REPORT DOCUMENTATION PAGE (HPD JAN/91)

1.	HPD REPORT NO. 2. (FOR HPD USE ONLY)	3.	RECIPENTS ACCESSION NO.		
4.	TITLE OF REPORT: A Cultural Resources Inventory Survey for the Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Proposed Church Mission Site with Associated Utilities in the Vicinity of Sawmill, Apache County, Arizona AUTHOR: Loretta Flatrock	5.	FIELDWORK DATE: March 28, 2009		
		6.	REPORT DATE: April 2, 2009		
7.	CONSULTANTS NAME AND ADDRESS: Gen'l Charge: Carol S. Yazzie-Ward Org. Name: CSWTA, Inc. Org. Address: Post Office Box 790 Tuba City, Arizona 86045 Phone: (928) 283-4323	8.	PERMIT NO.: B09164		
		9.	CONSULTANT REPORT NO. CSWTA-ARCH-2009025		
10.	SPONSOR NAME AND ADDRESS: Ind. Responsible: Doug Chessman Org. Name: Org. Address: 830 E. 2 nd Ave Mesa, Arizona 85204 Phone: (480) 235-2488	11.	SPONSOR REPORT NO. NA		
		12.	AREA EFFECTED: 2.0 ac AREA SURVEYED: 2.73 ac		
13.	LOCATION: (Map Attached). <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> a. Chapter: Sawmill b. Agency: Fort Defiance c. County: Apache d. State: Arizona </td> <td style="width: 50%; vertical-align: top;"> e. Land Status: Navajo Tribal Trust Lands f. UTM Center: Zone 12, 3972720N, 666550E g. Area: Sections 30 and 29 at T29N, R30E h. 7.5' Map Name: Sawmill, AZ, 1982 </td> </tr> </table>			a. Chapter: Sawmill b. Agency: Fort Defiance c. County: Apache d. State: Arizona	e. Land Status: Navajo Tribal Trust Lands f. UTM Center: Zone 12, 3972720N, 666550E g. Area: Sections 30 and 29 at T29N, R30E h. 7.5' Map Name: Sawmill, AZ, 1982
a. Chapter: Sawmill b. Agency: Fort Defiance c. County: Apache d. State: Arizona	e. Land Status: Navajo Tribal Trust Lands f. UTM Center: Zone 12, 3972720N, 666550E g. Area: Sections 30 and 29 at T29N, R30E h. 7.5' Map Name: Sawmill, AZ, 1982				

13. REPORT /X/ OR SUMMARY (Report Attached).

- a. Description of Undertaking:** The proposed undertaking will involve the development of missionary buildings with associated utilities within a 295.04 feet by 294.80 feet square parcel of land. The total area of potential effect equals 86,978 square feet or 2.0 acres. Ground disturbance is expected to be intensive and extensive from the use of heavy equipment. The Church of Jesus Christ of Latter-day Saints is in the process of mission site lease approval through BIA.
- b. Existing Data Review:** A check of Navajo Nation Historic Preservation Department (NNHPD) site files indicated that no sites were previously recorded within 300 feet of the project area. Six projects were previously reported: #HPD 03-139, #HPD 05-628, #HPD 04-033, #HPD03-877, #HPD 99-311 and #HPD 89-131.
- c. Area Environmental and Cultural Setting:** The project area is situated at an elevation of 7,620 feet above mean sea level. The proposed mission site is on a 2.0-acre parcel of disturbed land, which has a foundation of a church and shed. Vegetation consists of sagebrush, blue grama and sand drop seed. The nearest water resources are Tohnaichai Spring to the southwest and unnamed drainage to the east. The contemporary cultural setting is modern Navajo. The prehistoric use was Anasazi.

- d. **Field Methods:** Loretta Flatrock and Carol S. Yazzie-Ward walked subparallel transects spaced 10-12 meters apart to survey for cultural resources. The survey included a buffer zone of 50 feet around the perimeter of the church mission site. The total area surveyed equaled 118,970 square feet or 2.73 acres. Mr. Cheesman was interviewed for Traditional Cultural Properties.

14. **CULTURAL RESOURCES FINDINGS:**

- a. **Location/Identification of Each Resource:** No cultural resources were inventoried and no Traditional Cultural Properties were reported.

- b. **Evaluation of Significance of Each Resource:** No significant findings were made.

16. **MANAGEMENT SUMMARY (Recommendations):** Archaeological clearance is recommended for the proposed church mission site with associated utilities.

17. **CERTIFICATION:** Signature: Carol S. Yazzie-Ward Date: 04/03/09
General Charge Name: Carol S. Yazzie-Ward
Signature: Carol S. Yazzie-Ward for Date: 04/03/09
Direct Charge Name: Loretta Flatrock

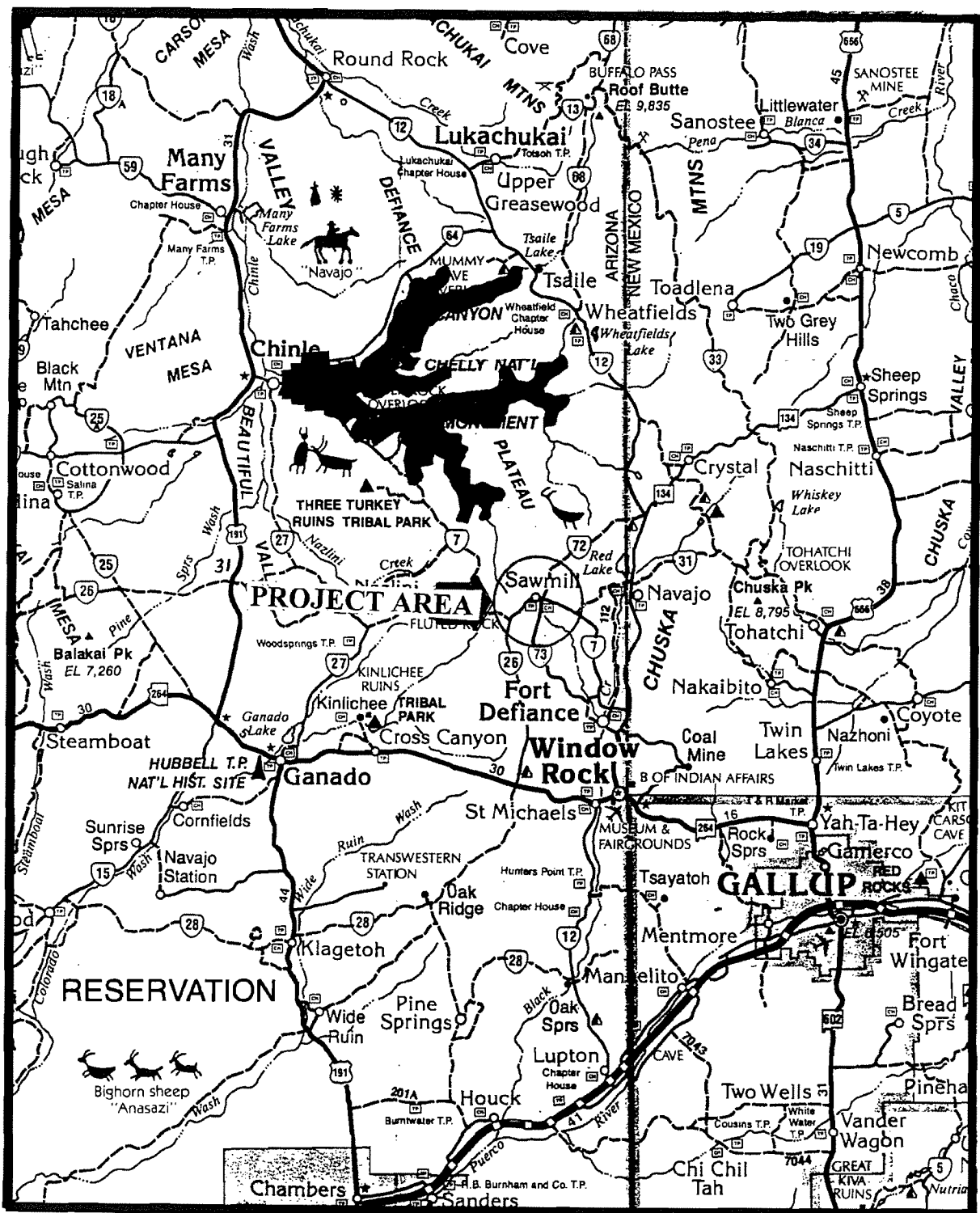


Figure 1. General project area on Navajo Tribal Trust Lands, Sawmill Chapter, Fort Defiance Agency, Apache County, Arizona.

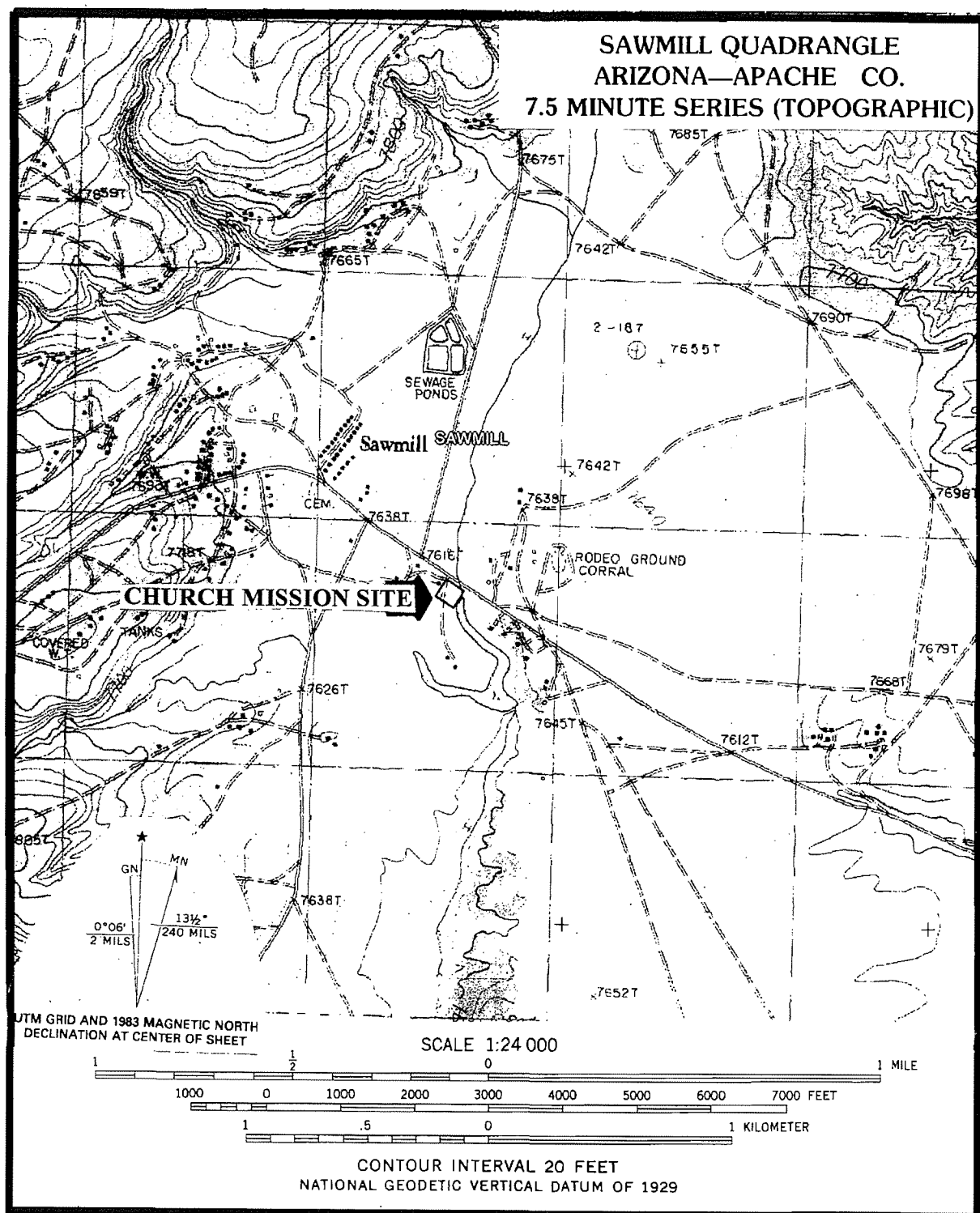
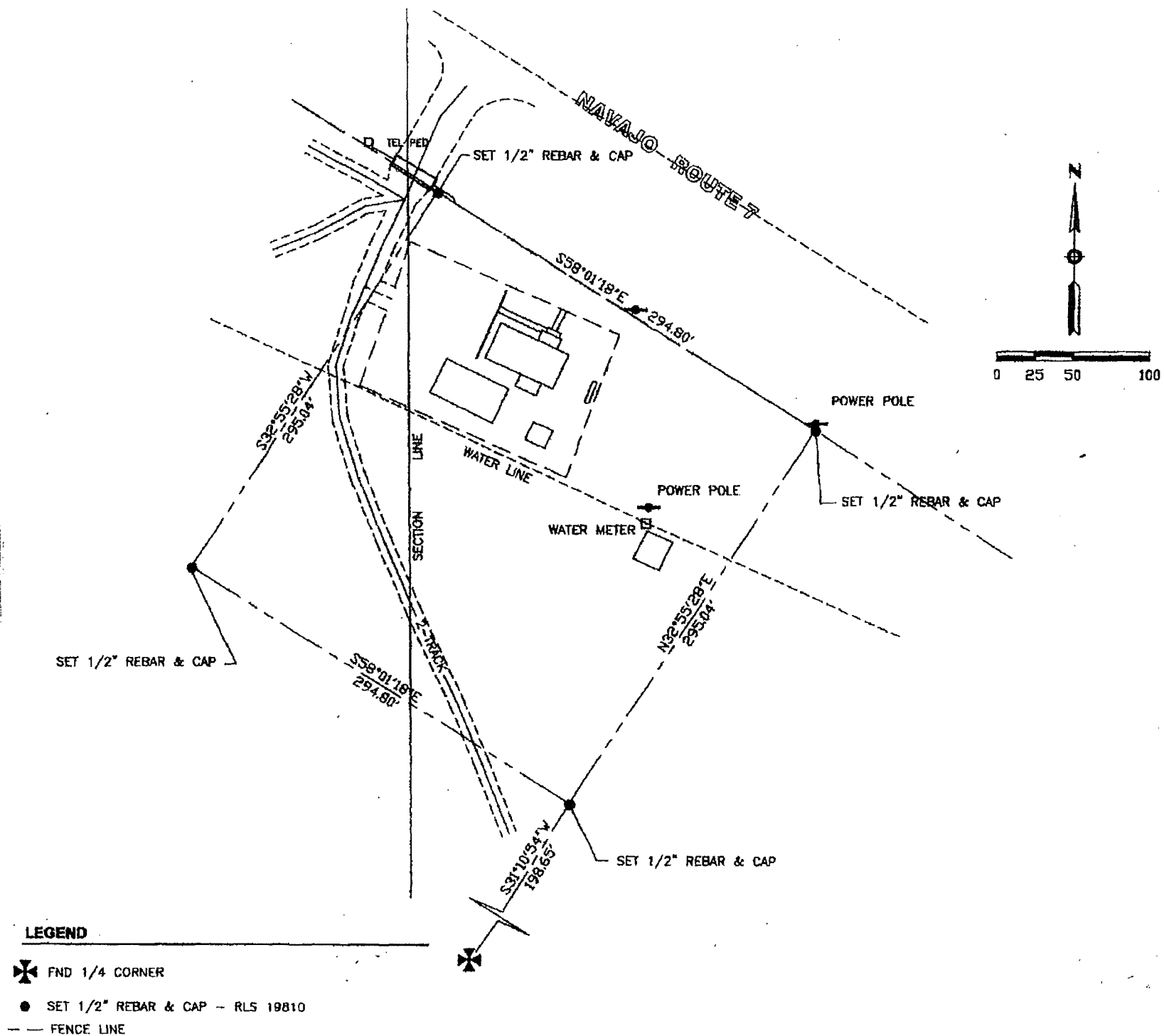


Figure 2. The project area plotted on USGS Sawmill Quadrangle, 7.5-minute series, Apache County, Arizona.

Figure 3. The Church of Jesus Christ of Latter-day Saints church mission site on 2.0 acres.



APPENDIX E

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**LDS-SAWMILL, ARIZONA
INDIAN ROUTE 7
SAWMILL, APACHE COUNTY, ARIZONA**

LDS PROPERTY NO. 501-8803

Submitted by:

SLR International Corp
9561 South 700 East, Suite 102
Sandy, Utah 84070

SLR PN: 009.0214.00197

Prepared for:

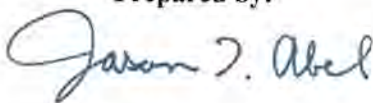
Corporation of the Presiding Bishop of The Church of
Jesus Christ of Latter-day Saints, a Utah corporation sole

Mr. Doug Cheesman
Real Estate Project Manager
830 East 2nd Avenue
Mesa, Arizona 85204

Date

February 5, 2009

Prepared by:



Jason T. Abel, P.E. (Utah)
Associate Engineer

Reviewed by:



Russell D. Hamblin, P.G.
Principal Geologist

EXECUTIVE SUMMARY

Subject Property Description

The *Site* is a former LDS Church meetinghouse and pastureland property totaling approximately 2.0-acres, located on Indian Route 7 in Sawmill, Apache County, Arizona; herein referred to as “the *Site*.” According to the Public Land Survey, the *Site* is located in Section 30 and Section 29, Township 29 North, Range 30 East of the Gila and Salt River Baseline and Meridian. Geographically, the northwest corner of the *Site* is located at approximately 35° 53’ 45.8” North Latitude and 109° 9’ 22.3” West Longitude.

The *Site* is currently owned by the Navajo Nation, who has owned the property for approximately 150 years. Currently, the *Site* has a trailer and shed located on the north portion of the property in a fenced area where a former LDS Church meetinghouse was located and the remainder of the property is pastureland. Pastureland is present immediately to the east and southeast. Rural residential properties and pastureland are present to the south, west, and northwest. Indian Route 7, followed by rural residential properties and pastureland is present to the northeast of the *Site*. The *Site* has been a church property and pastureland and the adjoining properties have been pastureland and rural residential properties since at least 1980.

Report Summary

Report Section	REC	HREC	Data Gap	Comments
Site Reconnaissance	No	No	None	None
Surrounding Property Reconnaissance	No	No	None	None
Environmental Records Review	No	No	None	None
Historical Records Review	No	No	Yes	Historical information on the uses of the <i>Site</i> was only obtained back to 1980, rather than 1940, as specified in the ASTM Practice.
Interviews	No	No	None	None
User Information	No	No	None	None
USTs	No	No	None	None
ASTs	No	No	None	None
Etc.	No	No	None	None

Conclusions

Recognized Environmental Conditions

SLR has performed a Phase I ESA of the LDS Sawmill, Arizona site located on Indian Route 7 in Sawmill, Apache County, Arizona; the “*Site*”. The Phase I was performed in conformance with the scope and limitations of ASTM Practice E 1527-05. Exceptions to, or deletions from, this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *Site*.

Historical Recognized Environmental Conditions

This assessment has revealed no evidence of *historical recognized environmental conditions* in connection with the *Site*.

Business Environmental Risk

This assessment has revealed no evidence of *business environmental risk* in connection with the *Site*.

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1.0 INTRODUCTION

1.1 PROJECT INFORMATION

Client ("User") Information:

Corporation of the Presiding Bishop of
The Church of Jesus Christ of Latter-day Saints,
a Utah corporation sole
830 East 2nd Avenue
Mesa, Arizona 85204

Consultant Information:

SLR International Corp
9561 South 700 East, Suite 102
Sandy, Utah 84070

Client Contact:

Name: Doug Cheesman
Phone: (480) 834-4934
E-mail: cheesmanda@ldschurch.org

Project Manager:

Name: Russ Hamblin, P.G.
Phone: (801) 495-9589
E-mail: rhamblin@slrcorp.com

Site Information:

Sawmill, Arizona Site
Indian Route 7
Sawmill, Arizona
County: Apache
Latitude/Longitude: 35° 53'45.8" N / 109° 9' 22.3" W

Inspection Date: January 21, 2009

Interview Date(s): January 21, 2009

Records Date(s): January 16, 2009

Report Date: February 2, 2009

Site Assessor: Russ Hamblin, P.G.

Senior Reviewer: Russ Hamblin, P.G.

Environmental Professional: Russ Hamblin, P.G.

1.2 OBJECTIVE

The objective of this Phase I Environmental Site Assessment (ESA) was to identify, to the extent feasible pursuant to the processes outlined in the scope of work, *recognized environmental conditions (RECs)*, *historical environmental conditions (HRECs)*, or *business environmental risk*, as defined by the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-05 (ASTM E1527).

The ASTM Practice defines a *REC* as:

"...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicated an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis conditions* that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies..."

The ASTM Practice defines an *HREC* as:

"...an environmental condition, which in the past would have been considered a *REC*, but which may or may not be considered a *REC* currently. The final decision rests with the *environmental professional* and will be influenced by the current impact of the *HREC* on the *Site*. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has

been remediated, with such remediation accepted by the responsible regulatory agency, this condition shall be considered an *HREC*...”

The ASTM Practice defines a *business environmental risk* as:

“... a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, but does not fall within the definition of a *recognized environmental condition*...”

1.3 PURPOSE

This assessment is intended to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability. This assessment constitutes all appropriate inquiry into the previous ownership and uses of the *Site* consistent with good commercial or customary practice, as defined in 42 U.S.C. §9601(35) (B) of CERCLA. If *RECs* are identified during this assessment, there may be continuing obligations on the part of the *user* to maintain their CERCLA liability limitation.

1.4 SCOPE OF WORK, SIGNIFICANT ASSUMPTIONS, TERMS AND CONDITIONS

The scope of work, significant assumptions, and terms and conditions applicable to this Phase I ESA are identified in the following documents:

Agreement for Environmental Services dated November 1, 2008.

ASTM Standard Practice, Designation E 1527-05

Statement of Limitations presented in Appendix E of this report.

In addition to the scope of work specified in the ASTM Standard Practice, the scope of work for this assessment included the following items, identified as “non-scope considerations” in the ASTM Practice. These items are address in Section 5.0 of this report:

- Radon
- Asbestos-containing materials
- Lead-based paint
- Wetlands

1.5 RELIANCE

This report was prepared for the exclusive use of the following:

Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, a Utah corporation sole

No other entity may rely on the information presented in the report without the expressed written consent of SLR International Corp. Any use of this Phase I ESA report constitutes acceptance of the terms and conditions under which it was prepared. SLR International Corp’s liability extends only to its client and not to any other parties who may obtain the Phase I ESA report.

1.6 USER PROVIDED INFORMATION

Prior to initiating the site reconnaissance, SLR requested the following information from the User of this Phase I ESA report:

Information on environmental liens on the <i>Site</i>:	There are no known environmental liens on the <i>Site</i> .
Information on <i>Site</i> activity and use limitations (AULs) :	There are no known activity and use limitations on the <i>Site</i> .
Specialized knowledge or experience of the <i>User</i> that is material to <i>RECs</i> in connection with the <i>Site</i>:	The <i>User</i> has no specialized knowledge that is material to <i>RECs</i> on the <i>Site</i> .
Knowledge that <i>Site</i> purchase/sale price is significantly lower than market value:	It is believed that the <i>Site</i> is priced at market value.
Commonly known or reasonably ascertainable information about the <i>Site</i> material to <i>RECs</i>:	No information is known regarding <i>RECs</i> at the <i>Site</i> .
Reason why the <i>User</i> wants to have the Phase I ESA performed:	As a component of the landowner liability protections to CERCLA liability provided in 42 USC § 9601 (35) and §9607 (b) (3), and to understand potential environmental conditions that could materially impact the operation of the business associated with the parcel of commercial real estate.

1.7 PROVIDED DOCUMENTS

The following documents were provided to SLR for review:

Document Title	Producer	Date	Source
Aerial Photograph	Google Earth	Unknown	<i>User</i>
The <i>User</i> provided an aerial photograph of the <i>Site</i> , which in part were used to construct Figure 2 of this report.			
Topographic Survey for Sawmill Property	Absolute Surveying and Mapping, Inc.	August 25, 2008	<i>User</i>
The <i>User</i> provided a survey of the <i>Site</i> , which in part were used to construct Figure 2 of this report.			

2.0 RECORDS REVIEW

2.1 FEDERAL/STATE ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from a third-party environmental database search firm. A complete copy of the database, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix C.

Environmental Agency Lists, Search Distance, Listings

Agency List/Database	Search Radius	Number of Listed Sites
Federal NPL	1.0 mile	0
Federal CERCLIS List	0.5 mile	0
Federal CERCLIS NFRAP	Site/ Adjoining Property	0
Federal RCRA CORRACTS	1.0 mile	0
Federal RCRA Non-CORRACTS TSD	0.5 mile	0
Federal RCRA Generators	Site/ Adjoining Property	0
Federal MINES	Site/ Adjoining Property	0
Federal Institutional Control/Engineering Control Registry	Site only	0
Federal ERNS	Site only	0
State and Tribal-Equivalent NPL	1.0 mile	0
State and Tribal -Equivalent CERCLIS	0.5 mile	0
State and Tribal Solid Waste Facilities	0.5 mile	0
State and Tribal UST Sites	Site/Adjoining Property	0
State and Tribal LTANKS Sites	0.5 mile	0
State and Tribal Institutional Control/Engineering Control Registry	Site only	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	0
State and Tribal Brownfields Sites	0.5 mile	0
Drycleaners	Site/ Adjoining Property	0

2.1.1 Listings for *Site*

The *Site* was not identified in the environmental database report. The *Site* is listed as being within the Navajo Nation Indian Reservation.

2.1.2 Listings for Nearby Sites with Potential to Impact *Site*

There were no listings of the regulated facilities or properties as outlined in any of the aforementioned databases including the federal and state lists of known or suspected contaminated facilities, lists of known handlers or generators of hazardous waste, lists of known waste disposal facilities, and lists of permitted USTs within the specified search areas.

2.2 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

SLR International Corp contacted the following sources to request information pertaining to *Site* use and/or indicative of *RECs* in connection with the *Site*. The following information was requested, as appropriate, from these agencies:

- Local Brownfield Lists
- Local Lists of Landfills/Solid Waste Disposal Sites
- Local Lists of Hazardous Waste/Contaminated Sites
- Local Lists of Registered Storage Tanks
- Local land Records (for activity and use limitations)
- Records of Emergency Release Reports
- Records of Contaminated Public Wells
- Records of PCBs on *Site*

2.2.1 Fire Department

Agency Name, Contact Information	Finding
Sawmill Fire Department Mr. Sherman Kinicheeie (928) 729-4432	Mr. Kinicheeie indicated that the Sawmill Fire Department does not have records of any illegal dumping, hazardous materials spills/releases, UST issues, or other environmental concerns at the <i>Site</i> .

2.3 HISTORICAL RECORDS

Obvious uses of the *Site* have been identified from the present, back to the *Site*'s first developed use, or 1940; whichever was earlier. Historical data were reviewed in five-year intervals unless it was determined that the specific use of the *Site* appeared unchanged over a period longer than five years.

2.3.1 Recorded Land Title Records

Year	Owner
1800s to Present	Navajo Indian Nation

Land title record/deed research was performed at the following location(s):

- Not available

2.3.2 Aerial Photographs

Year	Scale	Observations, <i>Site</i> and Adjoining Properties
1997	1:10,000	The <i>Site</i> appears as a church building and undeveloped desert land. Indian Route 7 is present to the north of the <i>Site</i> , beyond which is undeveloped desert land. Undeveloped desert land appears to the east and south of the <i>Site</i> . Rural residential properties appear to the west of the <i>Site</i> .

Aerial photograph research was conducted at the following location(s):

- www.terraserver-usa.com, 1997.

2.3.3 City Directories

Year	Street Address	Subject/ Adjacent Property	Listed Occupant
No city directories provided coverage of the <i>Site</i> or adjacent properties.			

Name of city directories and source:

- Arizona State University, Hayden Library, Tempe, Arizona

2.3.4 Historical Fire Insurance Maps

Year	Occupant of <i>Site</i> /Adjoining Properties; Hazardous Material Storage
A Certified Sanborn® Map search was requested from Environmental Data Resources, Inc. (EDR®) Milford, CT, on January 16, 2009. No Sanborn® Map coverage was available for the <i>Site</i> and surrounding area.	

Name of maps and source:

- EDR® Certified Sanborn® Map Report. EDR® Inquiry No. 2400282.3; January 16, 2009.

2.3.5 Historical Topographic Maps

Year	Scale	Observations
1982	1:24,000	The <i>Site</i> and surrounding properties appear to be undeveloped land.
1984	1:100,000	The <i>Site</i> and surrounding properties appear to be undeveloped land.

Name of maps and source:

- EDR® Historical Topographic Map Report, EDR® Inquiry No. 2400282.4; January 16, 2009. *Sawmill, Arizona* Quadrangle 7.5 Minute Series Topographic map, 1982 and *Ganado, Arizona/New Mexico* Quadrangle 30 Minute Series Topographic map.

2.3.6 Other Historical Sources

There were no other sources of historical information reviewed during this assessment.

2.4 PHYSICAL SETTING

Topography:	The average elevation at the <i>Site</i> is reported at 7,619 feet above mean sea level (AMSL) according to the <i>Sawmill, Arizona</i> USGS topographic map Quadrangle (1980). Topography in the immediate area of the <i>Site</i> slopes to the south of the <i>Site</i> .
Soil/Bedrock Data:	<p>Soils in the area of the <i>Site</i> consist of fine sandy loam from the Kinan series. These soils consist of Class B soils with moderate infiltration rates, soils that are deep and moderately deep, soils that are moderately drained and well-drained, and soils with moderately coarse textures. These soils do not meet hydric criteria.</p> <p>The <i>Site</i> is located in the Difiance Uplift of the Colorado Plateau Province. According to the Geologic Map of Arizona, the area is underlain with surficial deposits of alluvium in present day valleys and piedmonts, eolian deposits, and local alluvial deposits. Bedrock in the area includes Triassic-age Chinle Formation, which consists of marine sedimentary rocks including interbedded sandstone, siltstone, and shale.</p>

Estimated Depth to Groundwater/ Direction of Gradient:	The depth to shallow groundwater is estimated to be greater than 100 feet below ground surface. The hydrogeologic gradient is inferred to be parallel to the topographic gradient, which is south of the <i>Site</i> .
-------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Sources of this information:

- USGS 7.5 Minute Topographic Map, *Sawmill, Arizona*, 1982.
- Geologic Map of Arizona, United States Geologic Survey and Arizona Geologic Survey, 2000.
- EDR® Radius Map with GeoCheck®, Environmental Data Resources, Inquiry Number: 2400282.2s; January 16, 2009.

3.0 SITE AND SURROUNDING AREA RECONNAISSANCE

Access to the *Site* was provided by Mrs. Erlene Frazier, owner of the grazing rights on the *Site*. Ms. Frazier did not accompany SLR during the site reconnaissance. The weather-related conditions at the time of the site visit were clear skies and 40 degrees Fahrenheit.

3.1 METHODOLOGY

SLR utilized the following methodology to observe the <i>Site</i>:	
•	Traverse the outer site boundary.
•	Traverse transects across the <i>Site</i> .
•	Traverse the periphery of all structures on the <i>Site</i> .
•	If applicable, visually observe accessible interior areas expected to be used by occupants or the public, maintenance and repair areas, utility areas, and a representative sample of occupied spaces.

3.2 RESTRICTIONS

Weather-related restrictions:	None
Facility access restrictions:	None
Client-related restrictions:	None

3.3 GENERAL DESCRIPTION

Site and Area Description

The *Site* is a former LDS Church meetinghouse and pastureland property totaling approximately 2.0-acres, located on Indian Route 7 in Sawmill, Apache County, Arizona; herein referred to as “the *Site*.” According to the Public Land Survey, the *Site* is located in Section 30 and Section 29, Township 29 North, Range 30 East of the Gila and Salt River Baseline and Meridian. Geographically, the northwest corner of the *Site* is located at approximately 35° 53’ 45.8” North Latitude and 109° 9’ 22.3” West Longitude.

The *Site* is currently owned by the Navajo Nation, who has owned the property for approximately 150 years. Currently, the *Site* is has a trailer and shed located on the north portion of the property in a fenced area where a former LDS Church meetinghouse was located and the reminder of the property is pastureland. Pastureland is present immediately to the east and southeast. Rural residential properties and pastureland are present to the south, west, and northwest. Indian Route 7, followed by rural residential properties and pastureland is present to the northeast of the *Site*. The *Site* has been a church property and pastureland and the adjoining properties have been pastureland and rural residential properties since at least 1982.

Estimated % of <i>Site</i> covered by buildings and/or pavement:	5 %
Observed evidence of past <i>Site</i> use(s):	None.
Sewage disposal method (and age):	Septic tank
Source of potable water:	Navajo Tribal Utility Authority
Electric utility:	Navajo Tribal Utility Authority

Figure 2 in Appendix A presents a not-to-scale site plan. Photographs are provided in Appendix B.

3.4 EXTERIOR OBSERVATIONS

SLR made the following observations during the reconnaissance of the *Site* and from observations of the *Site* from all adjacent public thoroughfares:

Observation	Description
Roads or paths with no apparent outlet observed on the <i>Site</i>:	No roads or paths with no apparent outlet were observed on the <i>Site</i> .
On-site pits, ponds, or lagoons:	No on-site pits, ponds, or lagoons were observed.
Stained soil or pavement:	No stained soil or pavement was observed.
Stressed vegetation:	No stressed vegetation was observed.
On-site solid waste disposal:	No areas of solid waste disposal were observed.
Waste water:	No exterior wastewater discharge was observed.
Storm water:	No storm water discharges, including collection and discharge locations, were observed.
Wells:	No visible evidence of the existence of a well was observed.
Septic systems:	A septic tank is located between the trailer structure and the former LDS Church meetinghouse location.

3.5 INTERIOR OBSERVATIONS

SLR made the following observations during the site reconnaissance of the interior of structures on the *Site*, accessible common areas expected to be used by occupants or the public, maintenance and repair areas, including boiler rooms, and a representative sample of occupant spaces:

Observation	Description
Heating/cooling method:	The trailer on the <i>Site</i> does not appear to have heating or cooling methods.
Stains or corrosion:	No stains or corrosion was observed.
Floor drains and sumps:	No floor drains or sumps were observed.

3.6 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

SLR International Corp made the following visual and/or physical observations during the site reconnaissance and/or identified the presence of the following during the interview or records review portions of the assessment:

Observation	Description
Hazardous substances and petroleum products:	No hazardous substances or petroleum products were observed.
Drums (≥ 5 gallons):	No drums were observed.
Strong, pungent, or noxious odors:	No strong, pungent, or noxious odors were detected.
Pools of liquid:	No pools of liquid were observed.
Unidentified substance containers:	No unidentified substance containers were observed.
PCB-containing equipment:	No suspect PCB-containing equipment was observed.
Other:	None observed.

3.7 UNDERGROUND STORAGE TANKS/STRUCTURES

Existing USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), which would indicate the presence of USTs, was discovered during the site reconnaissance.
Former USTs:	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), reports, or other evidence of the former presence of USTs was discovered during this Phase I ESA.
Other underground structures:	No visible evidence, reports, or other evidence of the presence of other underground structures was discovered during this Phase I ESA.

3.8 ABOVEGROUND STORAGE TANKS

Existing ASTs:	No ASTs were observed during the site reconnaissance.
Former ASTs:	No reports or other evidence of the former presence of ASTs was discovered during this Phase I ESA.

3.9 ADJOINING PROPERTIES

3.9.1 Current Uses of Adjoining Properties

North:	Indian Route 7, followed by rural residential properties and pastureland to the northeast. Rural residential properties and pastureland to the northwest.
South:	Rural residential properties and pastureland to the northwest.
East:	Pastureland.
West:	Rural residential properties and pastureland to the northwest.

3.9.2 Observed Evidence of Past Uses of Adjoining Properties

North:	None
South:	None
East:	None
West:	None

3.9.3 Pits, Ponds or Lagoons on Adjoining Properties

North:	None
South:	None
West:	None
East:	None

4.0 INTERVIEWS

4.1 FINDINGS FROM INTERVIEW WITH OWNER

Name, Title, Telephone Years Familiar with Site	Ms. Erlene Frazier, Owner of grazing rights on <i>Site</i> , (928) 729-2765. (The owner of the property is the Navajo Indian Nation, since at least the mid 1800s.)
Current Use of Site:	Undeveloped range-pastureland and remnants of previous church structures.
Past Use(s) of Site:	Church and undeveloped range-pastureland.
Current Use of Surrounding Properties:	Rural residential properties and undeveloped range-pastureland.
Past Use(s) of Surrounding Properties:	Rural residential properties and undeveloped range-pastureland.
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	None
Current or Past Regulatory Action(s):	None
Past Releases of Hazardous/Petroleum Materials on the Property:	None
Other Environmental Information (Permits, etc.):	None

4.2 FINDINGS FROM INTERVIEW WITH KEY SITE MANAGER

Name, Title, Telephone Years Familiar with Site	Mr. Duane Boone, LDS Church Stake President responsible for the Sawmill LDS Church property, (928) 234-4071. Mr. Boone indicated that the LDS Church has a "mission lease" on 1/3 of the <i>Site</i> property. Mr. Boone stated that the Church has had the lease since 1950/1951. (The owner of the property is the Navajo Indian Nation, since at least the mid 1800s.)
Current Use of Site:	Undeveloped range-pastureland and remnants of previous church structures.
Past Use(s) of Site:	Church and undeveloped range-pastureland.
Current Use of Surrounding Properties:	Rural residential properties and undeveloped range-pastureland.
Past Use(s) of Surrounding Properties:	Rural residential properties and undeveloped range-pastureland.
Current or Past Hazardous/Petroleum Material Use, Storage, Disposal:	None
Current or Past Regulatory Action(s):	None
Past Releases of Hazardous/Petroleum Materials on the Property:	None
Other Environmental Information (Permits, etc.):	None

4.3 REQUIRED QUESTIONS

SLR interviewed the Owner, Key Site Manager, and User regarding their awareness of any pending, threatened, or past incidences of the following:

	Owner	Key Site Manager	User
- Litigation Relevant to Hazardous Substances or Petroleum Products in, on, or From <i>Site</i> ?	No	No	No
- Administrative Proceedings Relevant to Hazardous Substances or Petroleum Products in, on, or From <i>Site</i> ?	No	No	No
- Notices From Any governmental entity regarding possible violations of environmental laws or possible liability relating to hazardous substances or petroleum products?	No	No	No

4.4 FINDINGS FROM INTERVIEWS WITH MAJOR OCCUPANTS

Name, Title	Telephone	Comments
There are no occupants or tenants located at the <i>Site</i> ; therefore no other occupants or tenants were interviewed.		

4.5 FINDINGS FROM INTERVIEWS WITH PAST OWNERS AND OCCUPANTS

SLR International Corp has attempted to interview past owners and occupants who are likely to have material information regarding the potential for contamination at the *Site* to the extent that they have been identified and that the information likely to be obtained is not duplicative of information already obtained from other sources.

Name, Title	Telephone	Comments
No past owners or occupants were interviewed.		

4.6 FINDINGS FROM INTERVIEWS WITH NEIGHBORING OWNERS OR OCCUPANTS

Neighboring owners or occupants were only interviewed if the *Site* was abandoned and there was evidence of potential unauthorized use or uncontrolled access to the *Site*. The *Site* has never been developed, and there are no residents or neighbors nearby.

Name, Title	Telephone	Comments
No neighboring owners or occupants were interviewed.		

4.7 FINDINGS FROM INTERVIEWS WITH OTHERS

SLR interviewed the following people likely to be knowledgeable of the environmental condition or history of the *Site*, such as local agency officials, neighbors, past owners, operators, or occupants, etc.:

Name, Title	Telephone	Qualifications relevant to <i>Site</i> knowledge	Comments
No additional interviews with others were conducted during this Phase I ESA.			

5.0 OTHER ENVIRONMENTAL CONSIDERATIONS

Review of the following items, considered to be non-scope items under the ASTM Practice, was requested by the Corporation of Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, a Utah corporation sole. Consideration of these items, while outside the scope of the ASTM Practice is to identify potential *business environmental risk* associated with each item.

5.1 ASBESTOS-CONTAINING MATERIALS

The presence of asbestos in a building material cannot be determined by visual inspection. However, it is generally accepted that there is a lower risk of the presence of asbestos-containing material (ACM) in buildings constructed prior to 1980. Renovations completed since 1980 in a building may have included the removal of ACM and replacement with non-ACM.

The trailer structure located on the property appeared to be relatively new (constructed after 1980) and, therefore, there is a low risk of the presence of ACM in the trailer structure.

5.2 LEAD-BASED PAINT

Concern for lead-based paint (LBP) is primarily related to residential structures. The risk of lead toxicity in LBP varies based upon the condition of the paint and the year of its application. The U.S. Department of Housing and Urban Development (HUD) has identified the following risk factors:

- The age of the dwelling as follows:
 - The maximum risk is from paint applied before 1950.
 - There is severe risk from paint applied before 1960.
 - There is moderate risk from deteriorated paint applied before 1970.
 - There is slight risk from the paint that is intact but applied before 1977.
- The condition of the painted surfaces.
- The presence of children and certain types of households in the building.
- Previously reported cases of lead poisoning in the building or area.

The Scope of Work states that potential LBP and the condition of such paint be noted based on a visual inspection.

The trailer structure located on the property appeared to be relatively new (constructed after 1980) and, therefore, there is a low risk of the presence of lead-based paint in the trailer structure.

5.3 RADON

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 Pico Curies per liter of air (pCi/L). Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is associated with its rate of accumulation within confined areas, particularly confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure.

According to regional radon information obtained from the EPA, the subject property is located within EPA-designated Zone 2 for radon gas. Average radon concentrations within Zone 2 are reported to be less than 4 pCi/L, below EPA-designated action levels for radon mitigation and/or control measures (USEPA, 1993). Based on SLR's review of available information, elevated radon levels are unlikely to present an environmental risk at the *Site*.

5.4 WETLANDS AND FLOOD ZONES

Wetlands cannot be definitively identified through visual observation alone. Defensible wetland delineations require taxonomic classification of site vegetation, an investigation into the surface and subsurface hydrology of the site, and identification of hydric soils. This level of delineation is outside of the scope of work for this assessment.

To evaluate potential environmental concerns associated with wetlands, SLR reviewed the U.S. Department of Interior, National Wetlands Inventory (NWI) map and also observed for wet conditions on the *Site*. The NWI map did not identify wetlands on the *Site*. No obvious wet areas were observed by SLR.

Flood maps for this area have not been produced by FEMA's Map Service Center, however, based on observations at the *Site*; it appears that the *Site* is located outside the five-hundred year and one-hundred year flood zones.

6.0 SIGNIFICANT DATA GAPS

Data gaps are a lack of or an inability to obtain information required by the ASTM E1527 Practice despite good faith efforts by the *environmental professional* to gather such information. Data gaps may have resulted from incompleteness in any of the activities required in the Practice, including, but not limited to the site reconnaissance, records review, or interviews. The presence of a data gap may or may not present a REC due to the possibility that a REC could be discovered if the missing information is obtained.

6.1 SIGNIFICANT DATA GAPS

During the performance of this assessment, the following significant data gaps occurred:

- Historical information on the uses of the *Site* was only obtained back to 1980, rather than 1940, as specified in the ASTM Practice.

The following efforts were undertaken during this assessment to obtain the missing information:

- Aerial photographs and historical topographic maps were reviewed for historical data.

6.2 AFFECT ON CONCLUSION

Based on the unimproved nature of the *Site* and surrounding area in 1980, the lack of historical data back to 1940 is unlikely to affect the conclusions of this report.

6.3 ADDITIONAL INVESTIGATION

No additional investigation is recommended based on the above data gap.

7.0 CONCLUSIONS

Recognized Environmental Conditions

SLR has performed a Phase I ESA of the LDS Sawmill, Arizona site located on Indian Route 7 in Sawmill, Apache County, Arizona; the “*Site*”. The Phase I was performed in conformance with the scope and limitations of ASTM Practice E 1527-05. Exceptions to, or deletions from, this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *Site*.

Historical Recognized Environmental Conditions

This assessment has revealed no evidence of *historical recognized environmental conditions* in connection with the *Site*.

Business Environmental Risk

This assessment has revealed no evidence of *business environmental risk* in connection with the *Site*.

8.0 ENVIRONMENTAL PROFESSIONAL STATEMENTS

8.1 DEFINITION

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional*, as defined in §312.10 of 40 CFR 312.

And

8.2 QUALIFICATIONS

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the *Site*. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth 40 CFR Part 312.

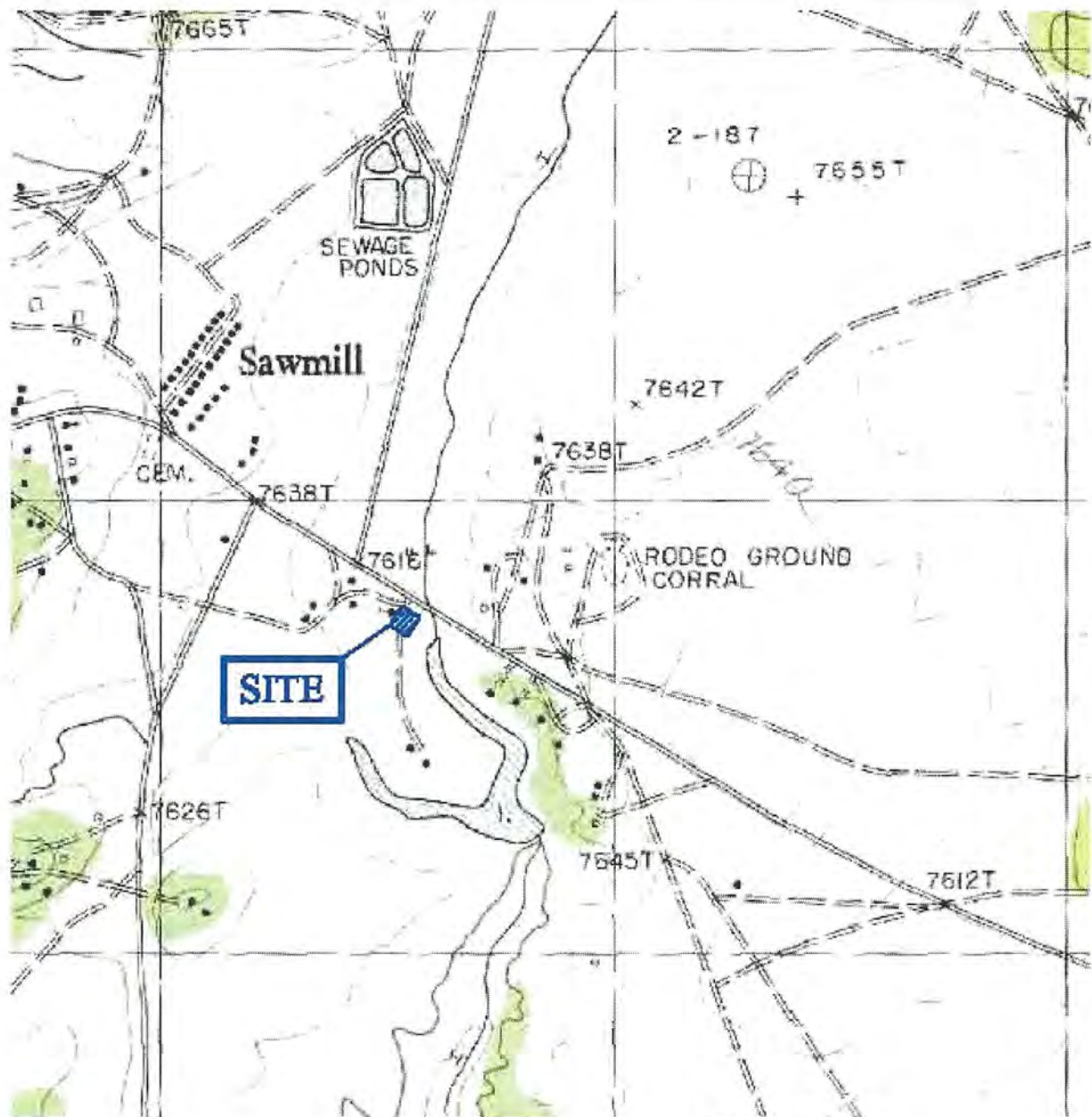
8.3 SIGNATURE

A handwritten signature in dark ink, appearing to read "Russell D. Hamblin", written over a horizontal line.

Russell D. Hamblin, P.G.

APPENDIX A

FIGURES



0 1500 3000
SCALE IN FEET



ARIZONA

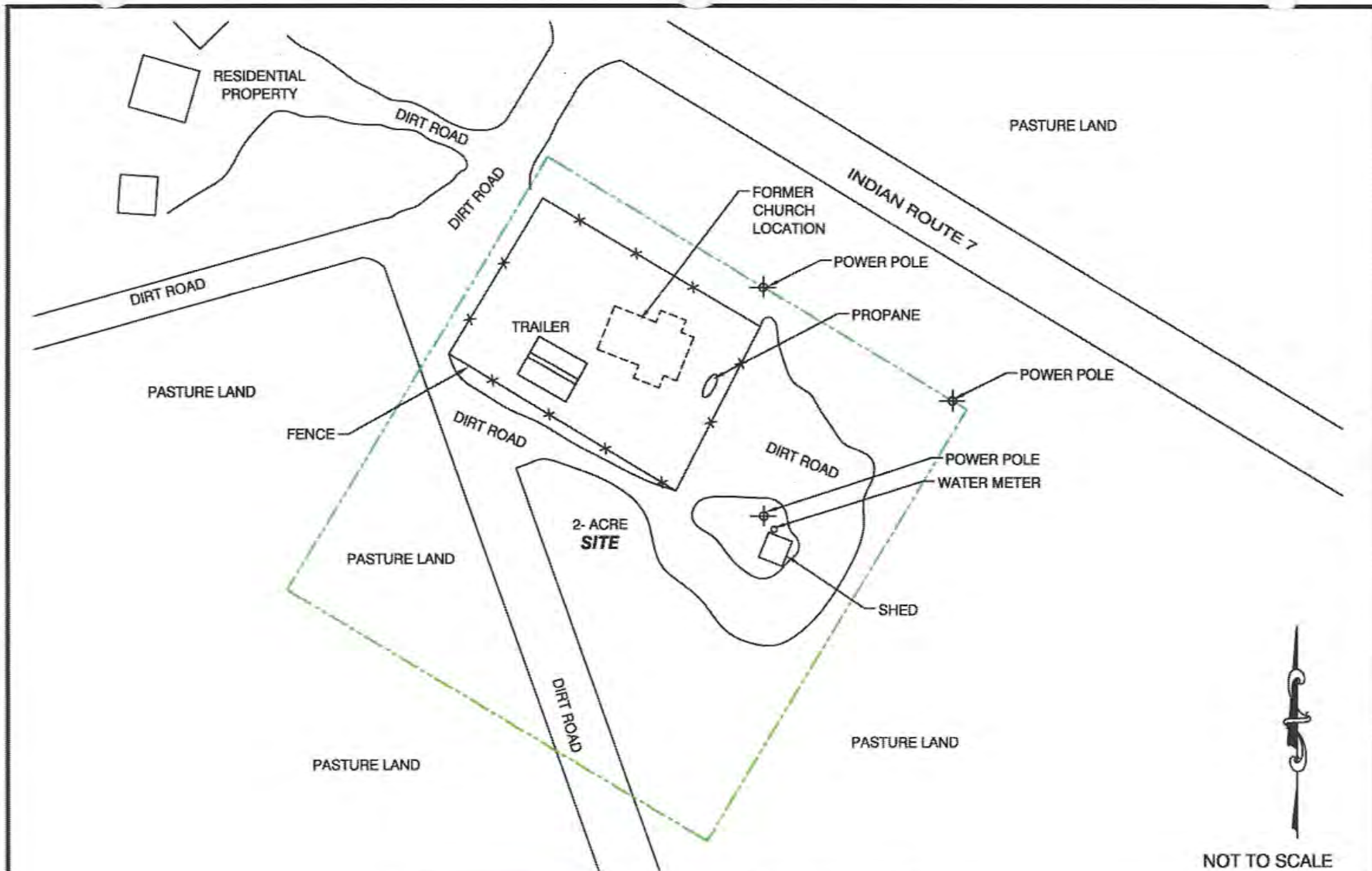
SOURCE: USGS 7.5 Minute Quadrangle Sawmill, Arizona, 1982;
Contour Interval, 20 Feet.



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Suite 102
Sandy, UT 84070
T: 801-493-9089
F: 801-493-9088

DATE 01/02
DWN. BMG
APPR. _____
REVIS. _____
PROJECT NO.
009.0214.00197

FIGURE 1
LDS- SAWMILL, ARIZONA
INDIAN ROUTE 7
SAWMILL, APACHE COUNTY, ARIZONA
SITE LOCATION MAP



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DATE 01/09
DWN. EMG
APPR. _____
REVIS. _____
PROJECT NO. 009.0214.00197

FIGURE 2
LDS- SAWMILL, ARIZONA
INDIAN ROUTE 7
SAWMILL, APACHE COUNTY, ARIZONA
SITE MAP AND ADJACENT PROPERTIES

ENVIRONMENTAL ASSESSMENT

**PROPOSED MEETINGHOUSE LOCATION
APPROXIMATE 2.0-ACRE SITE
INDIAN ROUTE 7
SAWMILL, APACHE COUNTY, ARIZONA**

LDS CHURCH PROPERTY NO. 501-8803

Submitted by:

SLR International Corp
9561 South 700 East, Suite 102
Sandy, Utah 84070

Prepared for:

Corporation of the Presiding Bishop of The Church of
Jesus Christ of Latter-day Saints, a Utah corporation sole

Mr. Douglas Cheesman
Real Estate Project Manager
830 East 2nd Avenue
Mesa, Arizona 85204

Date

August 14, 2009

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1.0 PURPOSE AND NEED FOR ACTION

1.1 INTRODUCTION

The Church of Jesus Christ of Latter-day Saints (LDS Church) proposes to construct a meetinghouse and associated parking lot on an approximate 2.0-acre site located on Indian Route 7 in Sawmill, Apache County, Arizona.

1.2 PURPOSE AND NEED FOR PROJECT

The purpose and need for the proposed project is to provide a meeting place for LDS Church members and non-members to congregate.

1.3 LOCATION

The proposed 2.0-acre site is located within the Sawmill Chapter of the Navajo Nation in Land Management District 18, and is located on Indian Route 7 in Sawmill, Apache County, Arizona; herein referred to as “the *Site*.” The nearest large community is Fort Defiance, Arizona, which is located approximately 14 miles south/southeast of Sawmill. According to the Public Land Survey, the *Site* is located in Section 30 and Section 29, Township 29 North, Range 30 East of the Gila and Salt River Baseline and Meridian. Geographically, the northwest corner of the *Site* is located at approximately 35° 53’ 45.8” North Latitude and 109° 9’ 22.3” West Longitude.

1.4 REGULATIONS THAT APPLY

This environmental assessment (EA) has been prepared to meet the requirements of the National Environmental Policy Act (NEPA) and other laws that apply to this particular project type including the Navajo Cultural Resource Protection Act (NCRPA), the National Historic Preservation Act (NHPA), the Navajo Endangered Species List, the Federal Endangered Species Act (ESA), the Resource Conservation and Recovery Act (RCRA) and the Clean Water Act (CWA). Since this project is subject to the approval by the Bureau of Indian Affairs (BIA), it follows BIA’s internal guidelines set forth under IAM Part 59, Chapter 3.

2.0 ALTERNATIVES INCLUDING THE PROPOSED ACTION

2.1 NO ACTION

The National Environmental Policy Act requires that a 'no action' alternative be considered as part of this environmental analysis. Under the no action alternative, the proposed 2.0-acre church site would not be approved and no impacts would occur to the existing human and natural environment.

2.2 PROPOSED ACTION

The Church of Jesus Christ of Latter-day Saints (LDS Church) proposes to construct a meetinghouse and associated parking lot where a previous meetinghouse was located. Utilities including water, electricity, septic tank, and propane tanks are in place. Figure 2 in Appendix A presents a not-to-scale site plan.

2.3 ALTERNATIVE ACTIONS

Alternative locations to the proposed *Site* were evaluated by the LDS Church during the planning process. The final site selection was based on suitability for accessibility, available land, and proximity to utility infrastructure. The proposed *Site* was determined to be the most feasible location; therefore, other alternative locations are not considered in this environmental assessment.

3.0 DESCRIPTION OF THE AFFECTED ENVIRONMENT

3.1 LAND RESOURCES

3.1.1 Topography

The average elevation at the *Site* is reported at 7,619 feet above mean sea level (AMSL) according to the *Sawmill, Arizona* USGS topographic map Quadrangle (1980). Topography in the immediate area of the *Site* slopes to the south of the *Site*.

3.1.2 Soils

Soils in the area of the *Site* consist of fine sandy loam from the Kinan series. These soils have moderate infiltration rates, are deep and moderately deep, and are moderately drained and well-drained. These soils do not meet hydric criteria.

3.1.3 Geologic Setting and Mineral Resources

The *Site* is located in the Difiance Uplift of the Colorado Plateau Province. According to the Geologic Map of Arizona, the area is underlain with surficial deposits of alluvium in present day valleys and piedmonts, eolian deposits, and local alluvial deposits. Bedrock in the area includes Triassic-age Chinle Formation, which consists of marine sedimentary rocks including interbedded sandstone, siltstone, and shale.

No mineral resources are identified by the Sawmill Chapter (Rogers 2004).

3.2 WATER RESOURCES

3.2.1 Surface Water

No surface water (i.e., springs, rivers, lakes, wetland or riparian areas) occurs on or adjacent to the *Site*. The nearest surface water is the Tohnalhchai Spring located to the southwest of the *Site*. At its closest point, it is situated about 1 mile southwest of the *Site*.

The *Site* has no distinct drainages or washes on site. Runoff flows south toward an unnamed drainage situated southeast of the proposed *Site*.

3.2.2 Ground Water

There are no records of water wells within one mile of the *Site*.

3.2.3 Floodplains

No federal or tribal floodplain maps are available for the *Site* area. Based on the site visit and review of topographic map, the *Site* area is likely located outside a 100-year and 500-year floodplain.

3.3 AIR RESOURCES

3.3.1 Quality/Visibility

The proposed undertaking is located within the jurisdiction of the Navajo Nation in Arizona. According to the Navajo Air Quality Program, this area is designated as “unclassified” for the National Ambient Air Quality Standards (NAAQS), but is assumed to be in attainment for the NAAQS.

Air quality and visibility are generally good to excellent for areas within the Navajo Nation. Non-point sources of pollution in this region stem from automobile and wood, coal burning household stoves and wind generated dust. Point source pollutants in this region include coal burning generating stations that surround the Navajo Nation. The project activities are not subject to any air quality regulations. However, dust abatement measures are highly encouraged by the Navajo Environmental Protection Agency.

3.3.2 Climate/Meteorology

The Sawmill area experiences cold winters, low precipitation that occurs throughout the year, and extremes in both daily and seasonal temperatures. The climate is quite arid. The nearest currently monitored weather station is located at Ganado, Arizona, approximately 30 miles southwest of Sawmill. The average total annual precipitation at Ganado is 10.88 inches. The average annual total snowfall is 21.9 inches. The average maximum temperature is 64.5° Fahrenheit (F) and the average minimum temperature is 33.0° F (Western Regional Climate Center 2007).

3.4 BIOTIC RESOURCES

3.4.1 Biological Community

The proposed *Site* lies entirely within the Great Basin Conifer Woodlands biotic community, a subsection of the Biotic Communities of the Southwest. These two continental fasciations of the North American prairie both reach their southern terminus in the American Southwest. Those woodlands possessing characteristics and components of Great Basin affinity receive 9.8 to 19.7 inches mean annual precipitation have a mean annual growing season of approximately 150 days. (Brown 1994).

3.4.2 Wildlife

No wildlife species were observed on or near the proposed *Site* during the recent site survey. Very little wildlife inhabits the *Site* area most likely due to the close proximity to Indian Route 7 and nearby home sites.

3.4.3 Vegetation

Vegetation on the *Site* and surrounding area is dominated by sagebrush, blue grama, and sand drop seed.

3.4.4 Threatened and Endangered Species

To satisfy the requirements of the Endangered Species Act and the Navajo Endangered Species List, Mr. Bob Manygoats of *Zoology (Zoology)* conducted a biological review of the *Site*. Initially, *Zoology* requested for a list of Threatened, Endangered and Sensitive (TES) species that potentially occur on the *Site* from the Navajo Fish and Wildlife Department (NFWD).

Table 1

Common Name	Scientific Name	Status
Apache trout	<i>Oncorhynchus apache</i>	USFWS-LT
Black-footed ferret	<i>Mustela nigripes</i>	USFWS-LE
California condor	<i>Gymnogyps californianus</i>	USFWS-LE
Chiricahua leopard frog	<i>Rana chiricahuensis</i>	USFWS-LT
Gray Wolf	<i>Canis lupus</i>	USFWS-LE
Little Colorado spinedace	<i>Lepidomeda vittata</i>	USFWS-LT
Loach minnow	<i>Tiaroga cobitis</i>	USFWS-LT
Mexican spotted owl	<i>Strix occidentalis lucida</i>	USFWS-LT
Navajo sedge	<i>Carex specuicola</i>	USFWS-LT
New Mexican meadow jumping mouse	<i>Zapus hudsonius lucida</i>	USFWS-LC
Northern Mexican gartersnake	<i>Thamnophis eques megalops</i>	USFWS-LC
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	USFWS-LE
Three Forks springsnail	<i>Pyrgulopsis trivialis</i>	USFWS-LC
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	USFWS-LC
Zuni bluehead Sucker	<i>Catostomus dicobolus yarrowi</i>	USFWS-LC
Zuni fleabane	<i>Erigeron rhizomatus</i>	USFWS-LE
Navajo Endangered Species List Status Codes and Definitions: Group 2 (G2): Endangered - Any species or subspecies in danger of being eliminated from all or a significant portion of its range on the Navajo Nation. Group 3 (G3): Threatened - Any species or subspecies which is likely to become endangered within the foreseeable future, throughout all or a significant portion of its range on the Navajo Nation. Group 4 (G4): Candidate - Any species or subspecies for which the NFWD does not currently have sufficient information to support their listing as G2 or G3 but has reason to consider them. NR = not reported by the NFWD for this project. Species of concern: Species not listed but determined by the NFWD to have cultural and economic significance.		
Federal Status Codes and Definitions: LE - Listed Endangered by the USFWS under the Endangered Species Act (ESA). LT - Listed Threatened by the USFWS under the ESA. LC – Listed Candidate species by the ESA. PE – Listed Proposed Endangered by the USFWS.		

Zoology concluded that these species were not present on the *Site* and no mitigation is required for the species. *Zoology* requested and obtained concurrence with this determination from NFWD. See *Zoology's* Biological Survey Report and the Biological Resources Compliance Form in Appendix C.

3.5 CULTURAL RESOURCES

3.5.1 Traditional Cultural Properties (TCP), Historic, and Religious Properties

The LDS Church contracted with CSWTA, Inc., Archaeological Consultants (CSWTA) to complete a cultural resources inventory survey on the *Site*. Based on interviews, CSWTA determined that no TCPs, historic, or religious properties were reported.

3.5.2 Archaeological Resources

CSWTA surveyed the *Site* and identified no archaeological resources on the property.

3.6 SOCIOECONOMIC CONDITIONS

3.6.1 Employment and Income

In 2000, the per capita income for the Sawmill Chapter was \$5,142 (U.S. Census Bureau 2000). The median household income was \$14,231 in 2000. The unemployment rate was 30.0 percent. About 53.8 percent of the total population was living below the poverty level (1999). Most of the employed Chapter residents were employed in the educational, public administration, and social service fields.

3.6.2 Demographic Trends

In 2000, the total population of the Sawmill Chapter was 914 persons (U.S. Census Bureau 2000). The median age was 26.4 years old. Approximately 39 percent of the total population was 18 years old or younger. There were 236 occupied households in the Chapter with an average household size of 3.52 persons.

3.6.3 Lifestyles, Cultural Values, Attitudes, Expectations

The communities of the Navajo Nation comprise a variety of people and lifestyles. There are over 800 employers on the Navajo Nation. The majority of people work in the service sector of employment including schools, hospitals, and hotels and motels. The largest employer is the Navajo Government, followed by the State of Arizona, the Navajo Area Indian Health Service and the Office of Indian Education Program under the BIA, which is the fourth largest employer (Choudhary 2006). Many people are self employed artisans or livestock owners. Many families live a combination of these lifestyles with regular jobs during the week and ranching on the weekend. Traditional Navajo ceremonies are still commonly practiced. By and large, their individual lifestyles reflect their attitudes, values and expectations.

3.6.4 Community Infrastructure

Roads and Accessibility: The proposed *Site* is accessed by traveling approximately 13 miles north of Fort Defiance, Arizona along Indian Route 7. The *Site* is located along the south side of Indian Route 7.

Power: Navajo Tribal Utility Authority (NTUA) maintains and operates the current electrical utility system in the region. Electrical utility service has previously been extended to the *Site*.

Water: NTUA maintains and operates the current water delivery system in the region. Water utility service has previously been extended to the *Site*.

Wastewater: The *Site* has a septic tank that serviced the previous meetinghouse. Thus, wastewater utility service is readily available to the *Site*.

Solid Waste: Area residents haul their solid waste to a transfer station located in Fort Defiance, Arizona.

3.6.5 Environmental Justice

Environmental justice has been defined as the pursuit of equal justice and equal protection under the law for all environmental statutes and regulations without discrimination based on race, ethnicity, and(or socioeconomic status). To the greatest extent practicable and permitted by law Federal

agencies are required to make environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations in the United States. Environmental justice is not an issue for this project that is intended to promote economic development and provide local employment opportunities.

3.6.6 Indian Trust Resources

Indian trust resources pertain to those resources, which the Secretary of Interior has trust responsibility for on behalf of Indian Tribes, specifically on tribal trust lands and Indian allotments. The Sawmill Chapter identifies timber as a natural resource occurring on Chapter lands (Rodgers 2004).

3.7 ENVIRONMENTAL MODULE

3.7.1 RCRA Subtitle C Sites

According to the U.S. Environmental Protection Agency (EPA) (2005 a), U.S. EPA regulated hazardous waste handlers do not occur on or near the proposed *Site*. Hazardous waste is not expected to be used, generated, handled, or stored on or near the proposed *Site* as part of the construction or operation of the proposed development project. No observations were made during the site survey to suggest the presence of hazardous waste within the *Site* boundaries (i.e. empty chemical containers or drums, stressed vegetation, stained soils, or fill or dumping from unknown locations).

3.7.2 RCRA Subtitle D Sites

Based on a site survey, no non-hazardous waste sites occur on or near the *Site*.

3.7.3 RCRA Subtitle I Sites

Based on a site survey, the *Site* has previously been developed as a LDS Church meetinghouse. It is unlikely that any underground storage tanks occur on the proposed *Site*.

3.7.4 CERCLA Sites

According to the U.S. Environmental Protection Agency (EPA) (2005 b), there are no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites in the *Site*. No CERCLA sites will be developed on or near the proposed *Site*.

3.7.5 Toxic Substances Control Act Sites

Based on a site survey, no Toxic Substances Control Act sites occur on the proposed *Site*. No toxic substances will be used, generated, handled, or stored on or near the proposed *Site* as part of the proposed project activities.

3.8 RESOURCES/LAND USE PATTERNS

The following resources or land uses are not found in the *Site*: hunting, fishing, gathering, timber harvesting, mining, outdoor recreation, solid or hazardous waste dumpsites and land use plan. However, the following land uses or practices occur in this region: transportation use network and agriculture,

3.8.1 Transportation Network

The Sawmill Chapter community is served by Indian Route 7, which extends north from Fort Defiance, Arizona. The remaining transportation network system consists of dirt roads, which are maintained by the BIA for school bus routes.

3.8.2 Agriculture

There are no community/cooperative or family farms located in the Sawmill Chapter (Rodgers 2004). No farms were found on or near the proposed *Site* during a recent site survey.

3.9 OTHER VALUES

3.9.1 Wilderness

No designated wilderness areas occur on or near the proposed project.

3.9.2 Sound and Noise

Natural sound and noise in the *Site* primarily consists of noise made from atmospheric phenomena such as wind, thunder or cries made by various animals. Manmade sound and noises include traffic along Indian Route 7 and occasional aircraft flyovers.

3.9.3 Public Health and Safety

The Sawmill Chapter community is serviced by the Navajo Department of Public Safety, Window Rock District, with headquarters located in Window Rock, Arizona. The Sawmill Fire Department responds to fires in the Sawmill community. The Fort Defiance Indian Hospital, Gallup Indian Medical Center, and Tsaile Clinic provide medical care to the Sawmill Chapter community. Tribal offices providing services within the Chapter include: Community Health Representative, Department of Head Start, Senior Citizen Program, Elderly Care Service, Apache County, and Window Rock School District. (Rodgers 2004).

3.9.4 Visual Setting

The proposed *Site* is located in a scenic region of the Navajo Nation; however, no designated scenic brays occur on or near the proposed project site.

4.0 ENVIRONMENTAL CONSEQUENCES OF THE PROPOSED ACTION

This chapter discusses the impacts to the natural and human environment on and near the *Site* as a result of the proposed project. Mitigation measures that reduce or eliminate impacts are discussed where appropriate.

4.1 LAND RESOURCES

4.1.1 Topography

The project activities will not considerably alter the existing topography except in places where underground pipelines and concrete foundation pads will be installed. Following installation of the pipelines and foundation pads, these areas will be backfilled to blend in with the existing topography. Therefore, there will be no impact to the *Site* topography as a result of the proposed project.

4.1.2 Soils

Soil disturbance will occur within the *Site* from clearing and grading of the *Site* and excavation in the areas of the foundation and underground utilities. As a result, the soil will be destabilized and there will be an increased potential for soil erosion and sedimentation during construction, or there may be compaction of soils that reduce soil vegetation productivity. When storm water drains off a construction site, it carries sediment and other pollutants that harm drainages and streams. Controlling erosion can significantly reduce the amount of sediment and other pollutants transported by runoff from construction sites. These impacts can be mitigated with the preparation and implementation of an effective storm water pollution prevention plan (SWPPP) as required under Section 402 of the Clean Water Act.

Mitigation Measure: Section 402 of the Clean Water Act addresses this issue and is triggered when the proposed work will exceed one acre of disturbance. The purpose of a SWPPP is to maximize the potential benefits of pollution prevention and sediment and erosion control measures at construction sites. The applicant must submit a Notice of Intent to the U.S. EPA, attain an EPA National Pollution Discharge Elimination permit, and prepare a SWPPP for the project. The contents of the plan include a description of the *Site* (with site map), description of proposed construction activities, identification of potential stormwater contaminants, and storm water management controls, and maintenance and inspection procedures. For more information contact the Navajo EPA at (928) 871-6000.

4.1.3 Geologic Setting and Mineral Resources

No mineral resources have been identified on or near the proposed *Site*. No impacts to the geologic setting or mineral resources are anticipated as a result of the proposed project.

4.2 WATER RESOURCES

4.2.1 Surface Water

No surface water (i.e., springs, rivers, lakes, wetland or riparian areas) occurs on or near the *Site*. The project site has no distinct drainages or washes on site. There are several wastewater disposal ponds located approximately 0.5 miles north/northwest of the *Site*.

4.2.2 Ground Water

Groundwater in the *Site* area occurs at depths of greater than 100 feet. No impact to groundwater is anticipated as a result of the project activities.

4.2.3 Floodplains

No federal or tribal floodplain maps are available for the *Site* area. Based on the site visit and review of topographic map, the *Site* area is likely located outside a 100-year and 500-year floodplain.

4.3 AIR RESOURCES

4.3.1 Quality/Visibility

No specific requirements apply under the Federal Clean Air Act or Navajo Clean Air Act. However, the Navajo Nation Environmental Protection Agency highly recommends dust abatement measures to control fugitive dust created during the construction activities.

Mitigation Measure: Apply clean water to the ground during the construction of the proposed facilities to control fugitive dust emissions into the atmosphere. With adherence to the above mitigation measure and impact to the area air quality/visibility is anticipated as a result of the proposed project.

4.3.2 Climate/Meteorology

The area climate/meteorology will not be impacted by the proposed project activities.

4.4 BIOTIC RESOURCES

4.4.1 Biological Community

The proposed *Site* is part of the Great Basin Conifer Woodlands biological community which is widespread throughout the Navajo Nation. No impact to the Great Basin Conifer Woodlands biological community is anticipated as a result of the proposed project.

4.4.2 Wildlife

The proposed *Site* contains little or no wildlife due to its proximity to Indian Route 7. Therefore, no impact to wildlife is expected as a result of the proposed project.

4.4.3 Vegetation

The proposed *Site* will be graded and cleared of vegetation in preparation for the construction of the proposed facilities. Following construction, the SWPPP will likely require that all disturbed areas be reseeded with a blend of native vegetation seeds. With reseeded activities, there will be short-term adverse impacts to the *Site* vegetation as a result of the proposed project.

4.4.4 Threatened and Endangered Species

No impact to threatened and endangered species is anticipated as a result of the proposed project. See the Biological Survey Report and the Biological Resources Compliance Form in Appendix C.

4.5 CULTURAL RESOURCES

4.5.1 Traditional Cultural Properties (TCP), Historic, and Religious Properties

No TCPs, historic or religious properties were identified on or near the proposed *Site* during the cultural resources site inventory. Therefore, no impact to TCPs, historic, and religious properties is anticipated as a result of the proposed project. See CSWTA's Cultural Resources Inventory Survey and Cultural Resources Compliance Form in Appendix D.

4.5.2 Archaeological Resources

No archaeological resources were identified on or near the proposed *Site* during the cultural resources site inventory. Therefore, no impact to cultural resources is anticipated as a result of the proposed project. See CSWTA's Cultural Resources Inventory Survey and Cultural Resources Compliance Form in Appendix D.

4.6 SOCIOECONOMIC CONDITIONS

4.6.1 Employment and Income

The proposed project will provide a number of short-term employment opportunities for local residents during construction. The proposed project is not expected to have an impact to the socioeconomic component of the community.

4.6.2 Demographic Trends

No impact to the demographic trends of the local community is expected as a result of the proposed project.

4.6.3 Lifestyles, Cultural Values, Attitudes, Expectations

No impact to lifestyles, cultural values, attitudes, and expectations of the local community are expected as a result of the proposed project.

4.6.4 Community Infrastructure

The community infrastructure will not be impacted by the proposed project.

4.6.5 Environmental Justice

Based on the nature of the project and its purpose, no disproportional adverse human health or environmental effects to minority or low income populations are anticipated due to the project activities. The proposed project is intended to result in positive socioeconomic impacts to the community, which is comprised mainly of low income citizens who are minorities. Therefore, no issue regarding environmental justice is foreseen.

4.6.6 Indian Trust Resources

No Indian Trust Resources have been identified on or near the proposed *Site*. No impact to Indian Trust Resources is expected as a result of the proposed project.

4.7 ENVIRONMENTAL MODULE

No RCRA, CERCLA, or TSCA sites occur on or near the proposed *Site* boundaries. The SWPPP shall set forth proper disposal requirements for construction waste in accordance with RCRA and eliminate the potential for soil contamination caused by spilled or leaking fluids from heavy equipment and machinery. With the implementation of an effective SWPPP, no impacts from solid or hazardous waste are anticipated as a result of the proposed project.

4.8 RESOURCES/LAND USE PATTERNS

4.8.1 Transportation Network

The proposed project will not require modification along Indian Route 7.

4.8.2 Agriculture

No farms or farming activity occurs on or near the proposed *Site*.

4.9 OTHER VALUES

4.9.1 Wilderness

No designated wilderness areas occur on or near the proposed project.

4.9.2 Sound and Noise

The *Site* noise levels will temporarily increase during the construction activities. The construction will be limited to the daylight hours from 9 am to 5 pm, Mondays through Fridays. Moderate, short-term impact to the existing community noise levels is anticipated as a result of the proposed project.

4.9.3 Public Health and Safety

No impact to public health and safety is anticipated as a result of the proposed project.

4.9.4 Visual Setting

No impact to the area visual resources is anticipated as a result of the proposed project.

4.10 COMMULATIVE IMPACTS

Cumulative impacts result from the incremental impact of the action when added to other past, present or reasonably foreseeable future actions regardless of what agency or person undertakes. Cumulative impacts can result from individually minor, but collectively significant actions taking place over a period of time.

The project will result in minor, adverse, and short-term impacts to the soils and vegetation on the *Site*, but there will be no cumulative impact. There will be long-term positive effects to the local economy over the next five years through the creation of jobs, Tribal lease revenues, local taxes, and increased opportunities for other businesses that will stimulate the local economy. These effects will be cumulative.

5.0 PREPARER

This document has been prepared by:

Mr. Jason T. Abel, P.E.

SLR International Corp

9561 South 700 East, Suite 102

Sandy, Utah 84070

Mr. Abel can be contacted at (801) 495-9589 (telephone) and (801) 495-9608 (fax).

Mr. Abel has over 8 years experience in environmental regulatory compliance and he is well-versed in environmental policies and regulations that affect development. He holds a *B.S. Degree in Civil and Environmental Engineering* from the University of Utah in Salt Lake City, Utah.

**6.0 LIST OF AGENCIES, ORGANIZATIONS, AND PERSONS TO WHOM COPIES OF
THE DOCUMENT ARE SENT**

Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, a Utah corporation sole
Mr. Douglas Cheesman
Real Estate Project Manager
830 East 2nd Avenue
Mesa, Arizona 85204

7.0 LIST OF AGENCIES AND ORGANIZATIONS CONSULTED

The information used in this analysis was obtained from reports, government databases, biological and archaeological field surveys, and direct communication either by phone or letters with the following agencies: Navajo Nation EPA, Navajo Fish and Wildlife, U.S. Fish and Wildlife, Navajo Historic Preservation Department, Navajo Tribal Utility Authority, Navajo Nation Branch of Water Management and Indian Health Service.

References Cited

Brown, D.E. 1982. Biotic Communities of the American Southwest-United States and Mexico. In: Desert Plants, Volume 4. Numbers 1-4 1982. University of Arizona, Tucson, Arizona.

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Hendricks, D.M., 1985. Arizona Soils. College of Agriculture, University of Arizona. Tucson Arizona.

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Internet Sites Referenced

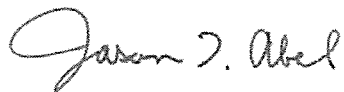
Western Regional Climate Center, September 2007, www.wrcc.dri.edu

U.S. EPA RCRA Information, September 2007,
http://www.epa.gov/enviro/html/multisystem_query_java.html

U.S. EPA Superfund website, September 2007, www.epa.gov/superfund

U.S. Census Bureau, September 2007, www.census.gov

8.0 DOCUMENT PREPARER'S SIGNATURE



June 15, 2009

Jason T. Abel, P.E., B.S. Civil and Environmental Engineering
Associate Engineer, SLR International Corp

Date

APPENDIX C

**ENVIRONMENTAL REGULATORY
AGENCY DATABASE REPORT**

LDS Sawmill, Arizona

Indian Route 7

Sawmill, AZ 86505

Inquiry Number: 2400282.2s

January 16, 2009

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

INDIAN ROUTE 7
SAWMILL, AZ 86505

COORDINATES

Latitude (North):	35.896200 - 35° 53' 46.3"
Longitude (West):	109.155900 - 109° 9' 21.2"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	666434.9
UTM Y (Meters):	3973806.2
Elevation:	7619 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	35109-H2 SAWMILL, AZ
Most Recent Revision:	1982

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2007
-------------	------

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites

EXECUTIVE SUMMARY

NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Transporters, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

RCRA-SQG..... RCRA - Small Quantity Generators

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

AZ WQARF..... Water Quality Assurance Revolving Fund Sites

State- and tribal - equivalent CERCLIS

SPL..... Superfund Program List

SHWS..... ZipAcids List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Directory of Solid Waste Facilities

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank Listing

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank Listing

EXECUTIVE SUMMARY

AST..... List of Aboveground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AUL..... DEUR Database
AZURITE..... Remediation and DEUR/VEMUR Tracking System

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Remediation Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Tracking System

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
SWTIRE..... Solid Waste Tire Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
AOCONCERN..... Superfund GIS Information
CDL..... Clandestine Drug Labs

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Hazardous Material Logbook

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision

EXECUTIVE SUMMARY

UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
MANIFEST.....	Facility and Manifest Data
DRYCLEANERS.....	Drycleaner Facility Listing
AZ DOD.....	Department of Defense Sites
Aquifer.....	Waste Water Treatment Facilities
WWFAC.....	Waste Water Treatment Facilities
Dry Wells.....	Drywell Registration
AIRS.....	Arizona Airs Database
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PWS.....	Public Water System Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there

EXECUTIVE SUMMARY

is 1 INDIAN RESERV site within approximately 1 mile of the target property.

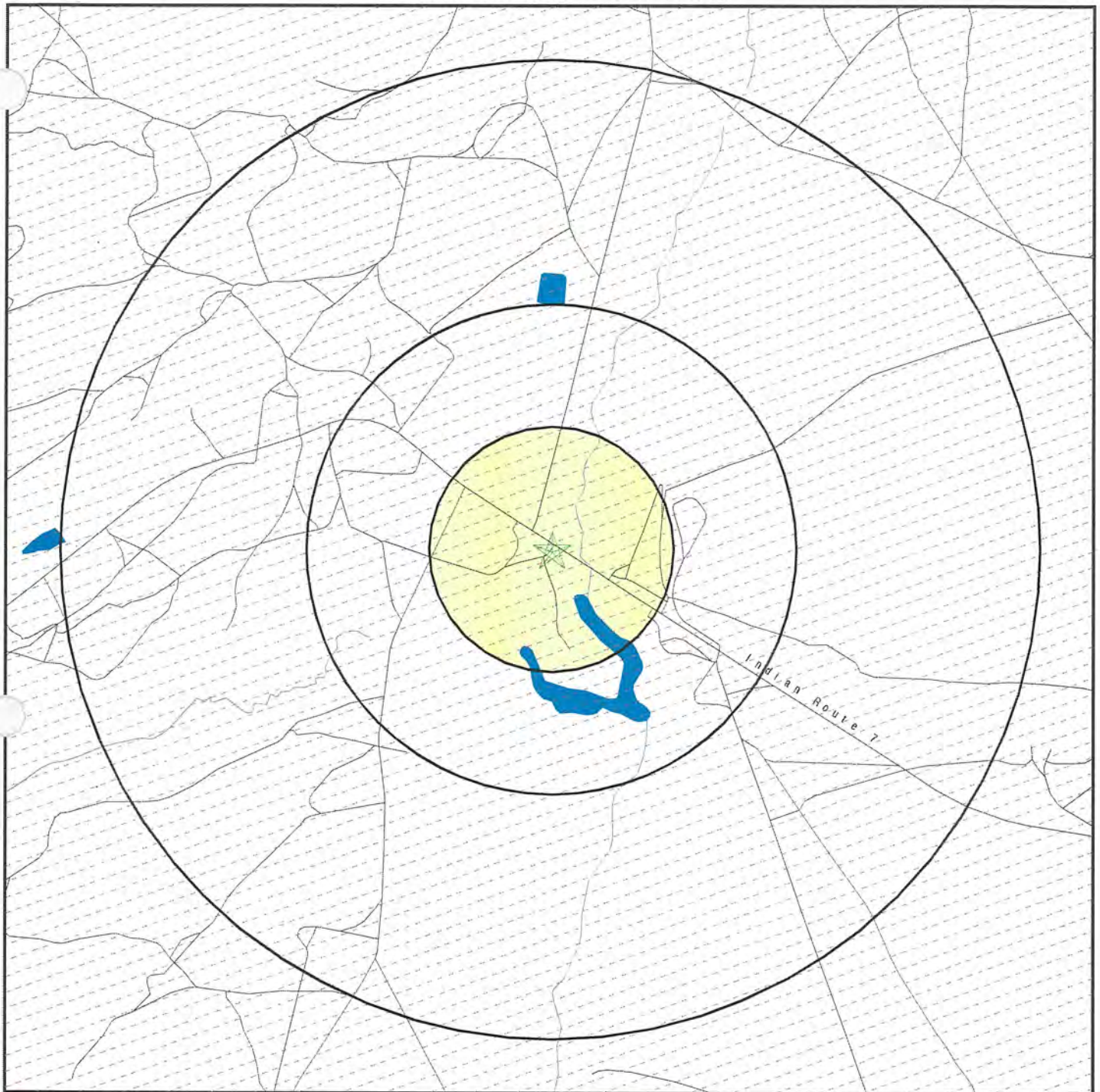
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAJO INDIAN RESERVATION		0 - 1/8 (0.000 mi.)	0	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
STEAMBOAT DIP VAT	SHWS
NAZLINI DIP VAT	SHWS
GANADO COMMUNITY DUMP	SHWS
NAZLINI DIP VAT	CERC-NFRAP
BLUE HILLS ENVIRONMENTAL INC - VER	SWF/LF
GREER	SWF/LF
CHAMBERS	SWF/LF
BLUE HILLS ENVIRONMENTAL INC - ALP	SWF/LF
CITY OF ST. JOHNS	SWF/LF
ALAMITO GEN. STATION	SWF/LF
SRP CORONADO G. STAT.	SWF/LF
ROUND VALLEY	SWF/LF
SPRING. GEN. STATION	SWF/LF
APACHE CO. REG. LF	SWF/LF
NAVAJO	SWF/LF
SANDERS	SWF/LF
US PUBLIC HEALTH SERVICE - SAWMILL	WWFAC
USDOJ NPS - HUBBELL TRADING POST N	RCRA-SQG, FINDS
SAGE MEMORIAL HOSPITAL	RCRA-LQG
BNSF RAILWAY CO-RIGHT OF WAY	RCRA-LQG
SAGE MEMORIAL HOSPITAL	FINDS, INDIAN UST, RCRA-NonGen
GANADO WATER OPER AND MAINT	FINDS, RCRA-CESQG
MORA'S CONOCO	INDIAN UST
APACHE COUNTY ROADS MAINTENANCE	INDIAN UST
GANADO FIRE DISTRICT	INDIAN UST
BALDWIN SERVICE STATION AKA MCCRAY	INDIAN UST
GANADO UNIFIED SCHOOL DISTRICT	INDIAN UST
REID'S SERVICE STATION	INDIAN UST
ADOT - GANADO MAINTENANCE FACILITY	INDIAN UST
MUSTANG GIANT #7252	INDIAN UST
RED MESA EXPRESS/THRIFTWAY 502	INDIAN UST
ELI WILLIAMS SERVICE STATION	INDIAN UST
APACHE COUNTY ROADS MAINTENANCE	INDIAN LUST
GANADO FIRE DISTRICT	INDIAN LUST
BALDWIN SERVICE STATION AKA MCCRAY	INDIAN LUST
GANADO UNIFIED SCHOOL DISTRICT	INDIAN LUST
REID'S SERVICE STATION	INDIAN LUST
MUSTANG GIANT #7252	INDIAN LUST
ELI WILLIAMS SERVICE STATION	INDIAN LUST

OVERVIEW MAP - 2400282.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

Indian Reservations BIA
Oil & Gas pipelines

DOD Sites: AZ DEQ
Water Quality Assurance
Revolving Fund Areas
Areas of Concern

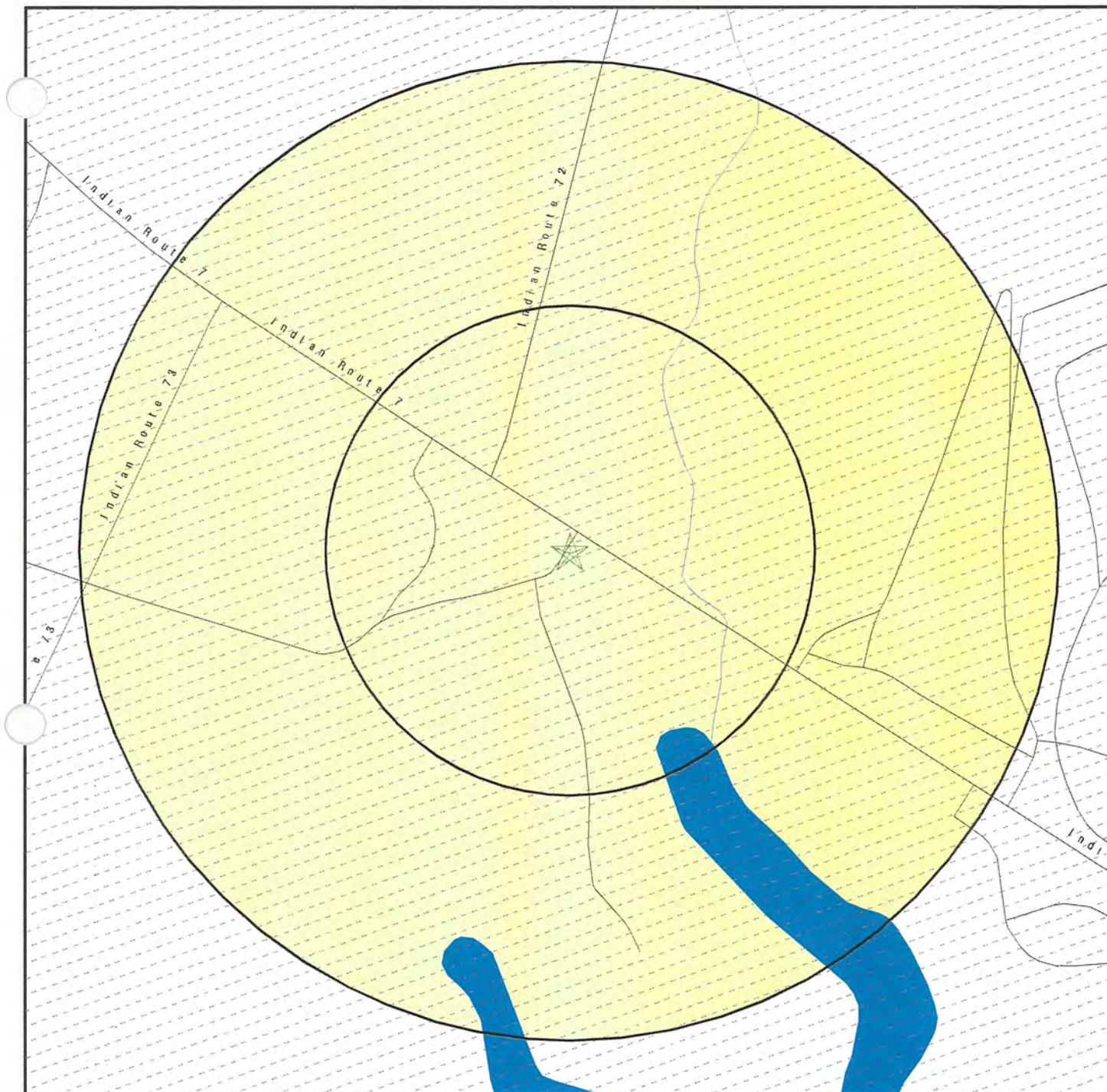
0 1/4 1/2 1 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: LDS Sawmill, Arizona
ADDRESS: Indian Route 7
Sawmill AZ 86505
LAT/LONG: 35.8962 / 109.1559

CLIENT: SLR International Corp.
CONTACT: Jason Abel
INQUIRY #: 2400282.2s
DATE: January 16, 2009 10:36 am

DETAIL MAP - 2400282.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

▲ Sensitive Receptors

■ National Priority List Sites

■ Dept. Defense Sites

Indian Reservations BIA
Oil & Gas pipelines

DOD Sites: AZ DEQ
Water Quality Assurance
Revolving Fund Areas
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

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CLIENT: SLR International Corp.
CONTACT: Jason Abel
INQUIRY #: 2400282.2s
DATE: January 16, 2009 10:36 am

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
AZ WQARF		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SPL		1.000	0	0	0	0	NR	0
SHWS		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL		0.500	0	0	0	NR	NR	0
AZURITE		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
MANIFEST		0.250	0	0	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AZ DOD		0.500	0	0	0	NR	NR	0
Aquifer	TP		NR	NR	NR	NR	NR	0
WWFAC		0.500	0	0	0	NR	NR	0
Dry Wells	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	1	0	0	0	NR	1
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PWS		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
-------------------------	--	-------	---	---	---	---	----	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IND RES
Region

NAVAJO INDIAN RESERVATION

INDIAN RESERV

CIND100321
N/A

< 1/8
1 ft.

NAVAJO INDIAN RESERVATION (County), AZ

INDIAN RESERV:

Feature: Indian Reservation
Name: Navajo Indian Reservation
Agency: BIA
State: AZ-NM-UT

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
APACHE COUNTY	S106205231	BLUE HILLS ENVIRONMENTAL INC - VER	MM 358.3 S ON HWY 60, W OF VER		SWF/LF
APACHE COUNTY	S106630421	GREER	1 MILE OF AZ 73 ON 373, 1 MILE		SWF/LF
APACHE COUNTY	S109132410	CHAMBERS	.4 MILES		SWF/LF
APACHE COUNTY	S106205232	BLUE HILLS ENVIRONMENTAL INC - ALP	.5 MILES S OF HWY 180 ON FR 23		SWF/LF
APACHE COUNTY	S103895053	CITY OF ST. JOHNS	3.3 MILES NORTH OF CLEVELAND S		SWF/LF
APACHE COUNTY	S100293313	ALAMITO GEN. STATION	9 MILES N OF SPRINGVILLE ON		SWF/LF
APACHE COUNTY	S100004629	SRP CORONADO G.STAT.	7 MILES NE OF ST. JOHNS		SWF/LF
APACHE COUNTY	S103278249	ROUND VALLEY	6 MILES SOUTH OF EAGER ON US 6		SWF/LF
APACHE COUNTY	S100293315	SPRING. GEN. STATION	10 M. N ON I-66, RIGHT ON SPRI		SWF/LF
APACHE COUNTY	S100293314	APACHE CO. REG. LF	2 MI. NORTH OF ST. JOHNS ON HW		SWF/LF
APACHE COUNTY	1000588269	NAVAJO	SOUTH OF I-40 AT NAVAJO EXIT C		SWF/LF
APACHE COUNTY	S106452591	SANDERS	ROAD .5 MILES EAST		SWF/LF
GANADO	1009391860	MORA'S CONOCO	HWY 191 & 264	86505	INDIAN UST
GANADO	1010559364	APACHE COUNTY ROADS MAINTENANCE	HWY 264 NEAR 191	86505	INDIAN LUST
GANADO	1010559361	GANADO FIRE DISTRICT	HWY 264 AT MILEPOST 446.8	86505	INDIAN LUST
GANADO	1009393961	BALDWIN SERVICE STATION AKA MCCRAY	HWY 264	86505	INDIAN LUST
GANADO	1009393830	GANADO UNIFED SCHOOL DISTRICT	HWY 264 AT SERVICE ROAD LOOP	86505	INDIAN LUST
GANADO	1009392877	APACHE COUNTY ROADS MAINTENANCE	HWY 264 NEAR 191	86505	INDIAN UST
GANADO	1009392866	GANADO FIRE DISTRICT	HWY 264 AT MILEPOST 446.8	86505	INDIAN UST
GANADO	1009392561	BALDWIN SERVICE STATION AKA MCCRAY	HWY 264	86505	INDIAN UST
GANADO	1009391808	GANADO UNIFED SCHOOL DISTRICT	HWY 264 AT SERVICE ROAD LOOP	86505	INDIAN UST
GANADO	1004754678	SAGE MEMORIAL HOSPITAL	HWY 264	86505	RCRA-LQG
GANADO	1001480974	SAGE MEMORIAL HOSPITAL	HWY 264	86505	FINDS, INDIAN UST, RCRA-NonGen
GANADO	1009393994	REID'S SERVICE STATION	HWY 264, KINLICHEE	86505	INDIAN LUST
GANADO	1009392962	REID'S SERVICE STATION	HWY 264, KINLICHEE	86505	INDIAN UST
GANADO	1009391753	ADOT - GANADO MAINTENANCE FACILITY	S.R. 264, MP 445.3	86505	INDIAN UST
GANADO	1004674798	USDOI NPS - HUBBELL TRADING POST N	HALF MI W OF HWY 264	86505	RCRA-SQG, FINDS
GANADO	1009393869	MUSTANG GIANT #7252	US HWY 191 & 264BURNSIDE JUNCT	86505	INDIAN LUST
GANADO	1009391964	MUSTANG GIANT #7252	US HWY 191 & 264BURNSIDE JUNCT	86505	INDIAN UST
GANADO	1000482869	STEAMBOAT DIP VAT	60 MILES W OF WINDOW ROCK	86505	SHWS
GANADO	1003879537	NAZLINI DIP VAT	14 M. NE OF GANADO, ON NAVAJO	86505	CERC-NFRAP
GANADO	1000483156	NAZLINI DIP VAT	14 M. NE OF GANADO, ON NAVAJO	86505	SHWS
GANADO	1004754627	GANADO WATER OPER AND MAINT	E OF JCT SR 164 AND US 191	86505	FINDS, RCRA-CESQG
GANADO	1000483159	GANADO COMMUNITY DUMP	SEC 25, T27N,R26E; 35 43' 08",	86505	SHWS
HOUCK	1010312556	BNSF RAILWAY CO-RIGHT OF WAY	EXIT 348 OFF HIGHWAY I40	86505	RCRA-LQG
SAWMILL	S106618668	US PUBLIC HEALTH SERVICE - SAWMILL	CPO		WWFAC
STEAMBOAT	1011843717	ELI WILLIAMS SERVICE STATION	HWY 264 3 MILES WEST OF STEAMB	86505	INDIAN LUST
STEAMBOAT	1009391922	RED MESA EXPRESS/THRIFTWAY 502	HWY 264	86505	INDIAN UST
STEAMBOAT	1009908306	ELI WILLIAMS SERVICE STATION	HWY 2643 MILES WEST OF STEAMBO	86505	INDIAN UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2008
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/29/2008	Source: EPA
Date Data Arrived at EDR: 10/10/2008	Telephone: N/A
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/29/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/07/2008	Source: EPA
Date Data Arrived at EDR: 10/16/2008	Telephone: 703-412-9810
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 10/16/2008
Number of Days to Update: 53	Next Scheduled EDR Contact: 01/12/2009
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 01/12/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/16/2009
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008	Source: EPA
Date Data Arrived at EDR: 09/19/2008	Telephone: 800-424-9346
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 12/01/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/02/2009
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/06/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/06/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/17/2008	Telephone: 703-603-0695
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 10/21/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 01/19/2009
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

WQARF: Water Quality Assurance Revolving Fund Sites

Sites which may have an actual or potential impact upon the waters of the state, cause by hazardous substances. The WQARF program provides matching funds to political subdivisions and other state agencies for clean-up activities.

Date of Government Version: 07/25/2008	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/19/2008	Telephone: 602-771-4360
Date Made Active in Reports: 09/30/2008	Last EDR Contact: 12/18/2008
Number of Days to Update: 11	Next Scheduled EDR Contact: 03/16/2009
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SPL: Superfund Program List

The list is representative of the sites and potential sites within the jurisdiction of the Superfund Program Section. It is comprised of the following elements: 1) Water Quality Assurance Revolving Fund Registry Sites; 2) Potential WQARF Registry sites; 3) NPL sites; and 4) Department of Defense sites requiring SPS oversight.

Date of Government Version: 08/25/2004	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/03/2004	Telephone: 602-771-4360
Date Made Active in Reports: 01/25/2005	Last EDR Contact: 11/26/2009
Number of Days to Update: 53	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Semi-Annually

SHWS: ZipAcids List

The ACIDS list consists of more than 750 locations subject to investigation under the State Water Quality Assurance Revolving Fund (WQARF) and Federal CERCLA programs. The list is no longer updated by the state.

Date of Government Version: 01/03/2000	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/11/2000	Telephone: 602-771-4360
Date Made Active in Reports: 05/16/2000	Last EDR Contact: 01/13/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: No Update Planned

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Directory of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/06/2008
Date Data Arrived at EDR: 07/03/2008
Date Made Active in Reports: 08/11/2008
Number of Days to Update: 39

Source: Department of Environmental Quality
Telephone: 602-771-2300
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/16/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/30/2008
Number of Days to Update: 11

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/25/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 27

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/03/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 20

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 12/02/2008	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2008	Telephone: 303-312-6271
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 19	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/10/2008	Telephone: 415-972-3372
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2008	Source: EPA Region 10
Date Data Arrived at EDR: 11/19/2008	Telephone: 206-553-2857
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Listing

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/20/2008	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/23/2008	Telephone: 602-771-4345
Date Made Active in Reports: 06/30/2008	Last EDR Contact: 11/03/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/02/2009
	Data Release Frequency: Annually

AST: List of Aboveground Storage Tanks

Aboveground storage tanks that the Dept. of Building & Fire Safety have permitted.

Date of Government Version: 12/31/2000	Source: Department of Building & Fire Safety
Date Data Arrived at EDR: 01/22/2001	Telephone: 602-364-1003
Date Made Active in Reports: 02/16/2001	Last EDR Contact: 01/05/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/06/2009
	Data Release Frequency: No Update Planned

INDIAN UST R7: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/19/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

No description is available for this data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/25/2008	Source: EPA Region 6
Date Data Arrived at EDR: 11/26/2008	Telephone: 214-665-7591
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/06/2008	Source: EPA Region 4
Date Data Arrived at EDR: 10/09/2008	Telephone: 404-562-9424
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 12/01/2008	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2008	Telephone: 303-312-6137
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 19	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 11/18/2008	Source: EPA Region 10
Date Data Arrived at EDR: 11/19/2008	Telephone: 206-553-2857
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008	Source: EPA Region 9
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-972-3368
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AUL: DEUR Database

Activity and use limitations include both engineering controls and institutional controls. DEUR and VEMUR sites. DEUR: Declaration of Environmental Use Restriction. A restrictive land use covenant that is required when a property owner elects to use an institutional (i.e., administrative) control or engineering (i.e., physical) control as a means to meet remediation goals. The DEUR runs with and burdens the land, and requires maintenance of any institutional or engineering controls. VEMUR: Voluntary Environmental Mitigation Use Restriction. A restrictive land use covenant that, prior to July 18, 2000, was required when a property owner elected to remediate the property to non-residential uses. Effective July 18, 2000, the DEUR replaced the VEMUR as a restrictive use covenant.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 10/21/2008
Date Made Active in Reports: 12/01/2008
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 602-771-4398
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Varies

AZURITE: Remediation and DEUR/VEMUR Tracking System

ADEQ maintains a repository listing sites remediated under programs administered by the department.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 10/21/2008
Date Made Active in Reports: 12/01/2008
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 601-771-4396
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 11/04/2008
Date Data Arrived at EDR: 11/04/2008
Date Made Active in Reports: 12/01/2008
Number of Days to Update: 27

Source: Department of Environmental Quality
Telephone: 602-771-4411
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 11/04/2008
Date Data Arrived at EDR: 11/04/2008
Date Made Active in Reports: 12/01/2008
Number of Days to Update: 27

Source: Department of Environmental Quality
Telephone: 602-771-4401
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/14/2008	Telephone: 202-566-2777
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 10/16/2008
Number of Days to Update: 39	Next Scheduled EDR Contact: 01/12/2009
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008	Source: EPA, Region 9
Date Data Arrived at EDR: 04/17/2008	Telephone: 415-972-3336
Date Made Active in Reports: 05/15/2008	Last EDR Contact: 12/22/2008
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/23/2009
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWTIRE: Solid Waste Tire Facilities

A waste tire "facility" means a solid waste facility at which waste tires are stored outdoors on any day.

Date of Government Version: 08/01/2008	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/06/2008	Telephone: 602-771-4132
Date Made Active in Reports: 10/14/2008	Last EDR Contact: 12/23/2008
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/23/2009
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/24/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/01/2008	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 10/31/2008	Telephone: 202-307-1000
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 10/31/2008
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/23/2009
	Data Release Frequency: Quarterly

AOCONCERN: Superfund GIS Information

A gis coverage for Department of Environmental Quality superfund sites, included WAQRF, DOD and NPL.

Date of Government Version: 02/10/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/10/2006	Telephone: 602-771-4173
Date Made Active in Reports: 06/30/2006	Last EDR Contact: 12/15/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 03/16/2009
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab seizures in Arizona.

Date of Government Version: 08/01/2008	Source: Board of Technical Registration
Date Data Arrived at EDR: 08/27/2008	Telephone: 602-364-4931
Date Made Active in Reports: 09/04/2008	Last EDR Contact: 10/20/2008
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/19/2009
	Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/19/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/29/2008	Telephone: 202-564-6023
Date Made Active in Reports: 09/09/2008	Last EDR Contact: 11/17/2008
Number of Days to Update: 11	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/08/2008
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/09/2009
	Data Release Frequency: Varies

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2008	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/16/2008	Telephone: 202-366-4555
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 01/13/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Annually

SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

Date of Government Version: 11/15/2001	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/28/2007	Telephone: 602-771-4153
Date Made Active in Reports: 07/24/2007	Last EDR Contact: 12/23/2008
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/23/2009
	Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/23/2008	Telephone: (415) 495-8895
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 11/18/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 02/16/2009
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 11/26/2008
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/23/2009
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/07/2008
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/02/2009
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/05/2008	Telephone: 202-528-4285
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/15/2008
Date Data Arrived at EDR: 10/22/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/21/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 55

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/23/2008
Next Scheduled EDR Contact: 03/23/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 12/08/2008
Number of Days to Update: 52

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 12/04/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2008	Telephone: 202-564-5088
Date Made Active in Reports: 09/09/2008	Last EDR Contact: 01/12/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/13/2009
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007	Source: EPA
Date Data Arrived at EDR: 02/07/2008	Telephone: 202-566-0500
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 09/18/2008
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/03/2008
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/03/2008	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/15/2008	Telephone: 301-415-7169
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/28/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/29/2008	Telephone: 202-343-9775
Date Made Active in Reports: 12/08/2008	Last EDR Contact: 10/29/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/26/2009
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/30/2008	Source: EPA
Date Data Arrived at EDR: 10/31/2008	Telephone: (415) 947-8000
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 12/29/2008
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/30/2009
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/09/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Biennially

AZ MANIFEST: Manifest Information

Hazardous waste manifest information

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/20/2006
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Arizona.

Date of Government Version: 01/20/2006
Date Data Arrived at EDR: 01/25/2006
Date Made Active in Reports: 02/15/2006
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 602-771-4335
Last EDR Contact: 01/12/2009
Next Scheduled EDR Contact: 04/13/2009
Data Release Frequency: Varies

DOD: Department of Defense Sites

These sites are federal facilities that are either being assessed for potential contamination, or have active remediation taking place on them.

Date of Government Version: 07/25/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/30/2008
Number of Days to Update: 11

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 12/18/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Annually

AQUIFER: Waste Water Treatment Facilities

Waste Water Treatment Facilities with APP (Aquifer Protection Permits.)

Date of Government Version: 11/15/2007
Date Data Arrived at EDR: 11/30/2007
Date Made Active in Reports: 12/19/2007
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

DRY WELLS: Drywell Registration

A drywell is a bored, drilled, or driven shaft or hole whose depth is greater than its width and is designed and constructed specifically for the disposal of storm water.

Date of Government Version: 09/24/2008
Date Data Arrived at EDR: 09/25/2008
Date Made Active in Reports: 09/30/2008
Number of Days to Update: 5

Source: Department of Environmental Quality
Telephone: 602-771-4686
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

Date of Government Version: 09/12/2008
Date Data Arrived at EDR: 09/16/2008
Date Made Active in Reports: 09/30/2008
Number of Days to Update: 14

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

AIRS: Arizona Airs Database

Arizona major (has the potential to emit over 100 tons of criteria pollutant) and minor (below 100 tons) sources.

Date of Government Version: 10/28/2008
Date Data Arrived at EDR: 10/30/2008
Date Made Active in Reports: 12/01/2008
Number of Days to Update: 32

Source: Department of Environmental Quality
Telephone: 602-771-2344
Last EDR Contact: 10/27/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/10/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 12/08/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: N/A

PWS: Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000
Date Data Arrived at EDR: 04/27/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA
Telephone: N/A
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 09/30/2008
Date Made Active in Reports: 10/07/2008
Number of Days to Update: 7

Source: EPA
Telephone: 202-564-6064
Last EDR Contact: 12/29/2008
Next Scheduled EDR Contact: 03/30/2009
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2008
Next Scheduled EDR Contact: 03/09/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/21/2008
Date Data Arrived at EDR: 11/26/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/28/2008
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/15/2008
Next Scheduled EDR Contact: 03/16/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/05/2009
Next Scheduled EDR Contact: 04/06/2009
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facilities & Group Homes

Source: Department of Health Services
Telephone: 602-674-4220

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LDS SAWMILL, ARIZONA
INDIAN ROUTE 7
SAWMILL, AZ 86505

TARGET PROPERTY COORDINATES

Latitude (North):	35.89620 - 35° 53' 46.3"
Longitude (West):	109.1559 - 109° 9' 21.2"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	666434.9
UTM Y (Meters):	3973806.2
Elevation:	7619 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	35109-H2 SAWMILL, AZ
Most Recent Revision:	1982

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

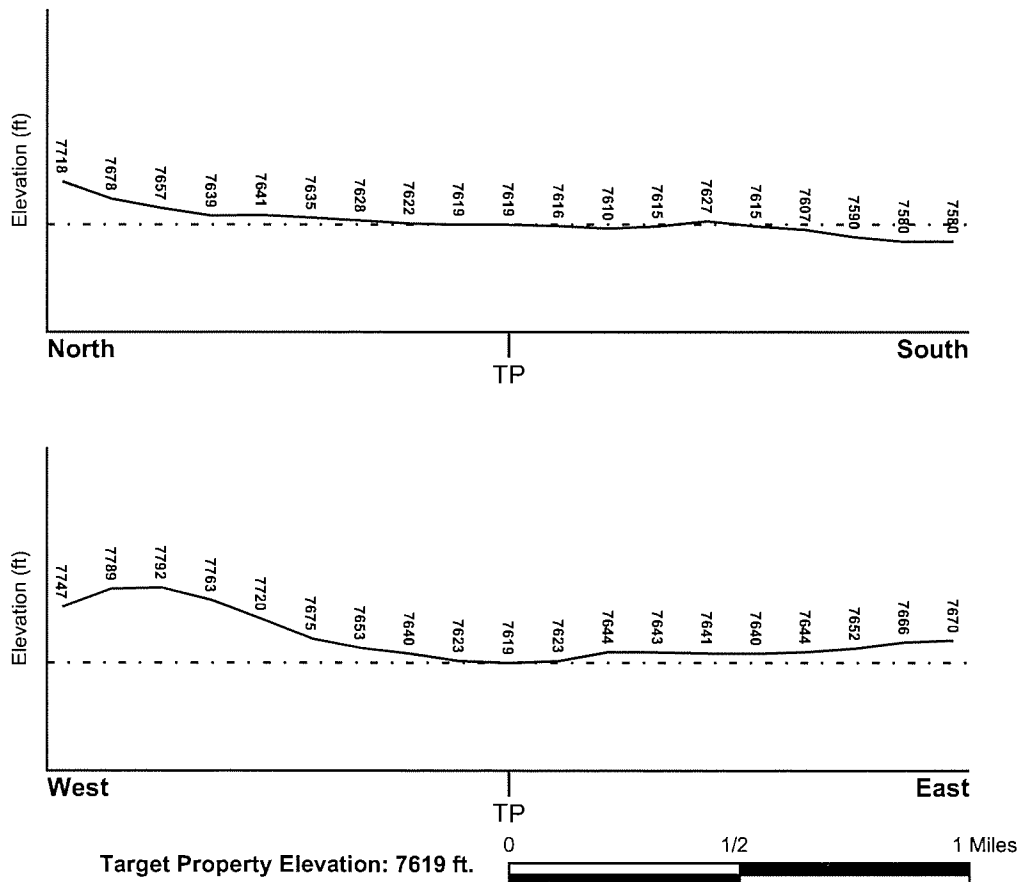
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
APACHE, AZ

FEMA Flood
Electronic Data
Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
NOT AVAILABLE

NWI Electronic
Data Coverage
Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Permian
Series:	Lower part of Leonardian Series
Code:	P2a (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: AUGUSTINE

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 6.60
2	3 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.80 Min: 7.40
3	37 inches	60 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.90

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subinvariant soil types may appear within the general area of target property.

Soil Surface Textures: loamy fine sand
fine sand

Surficial Soil Types: loamy fine sand
fine sand

Shallow Soil Types: fine sand

Deeper Soil Types: loamy fine sand
unweathered bedrock

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	0.500
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	0.500

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3008756	1/8 - 1/4 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

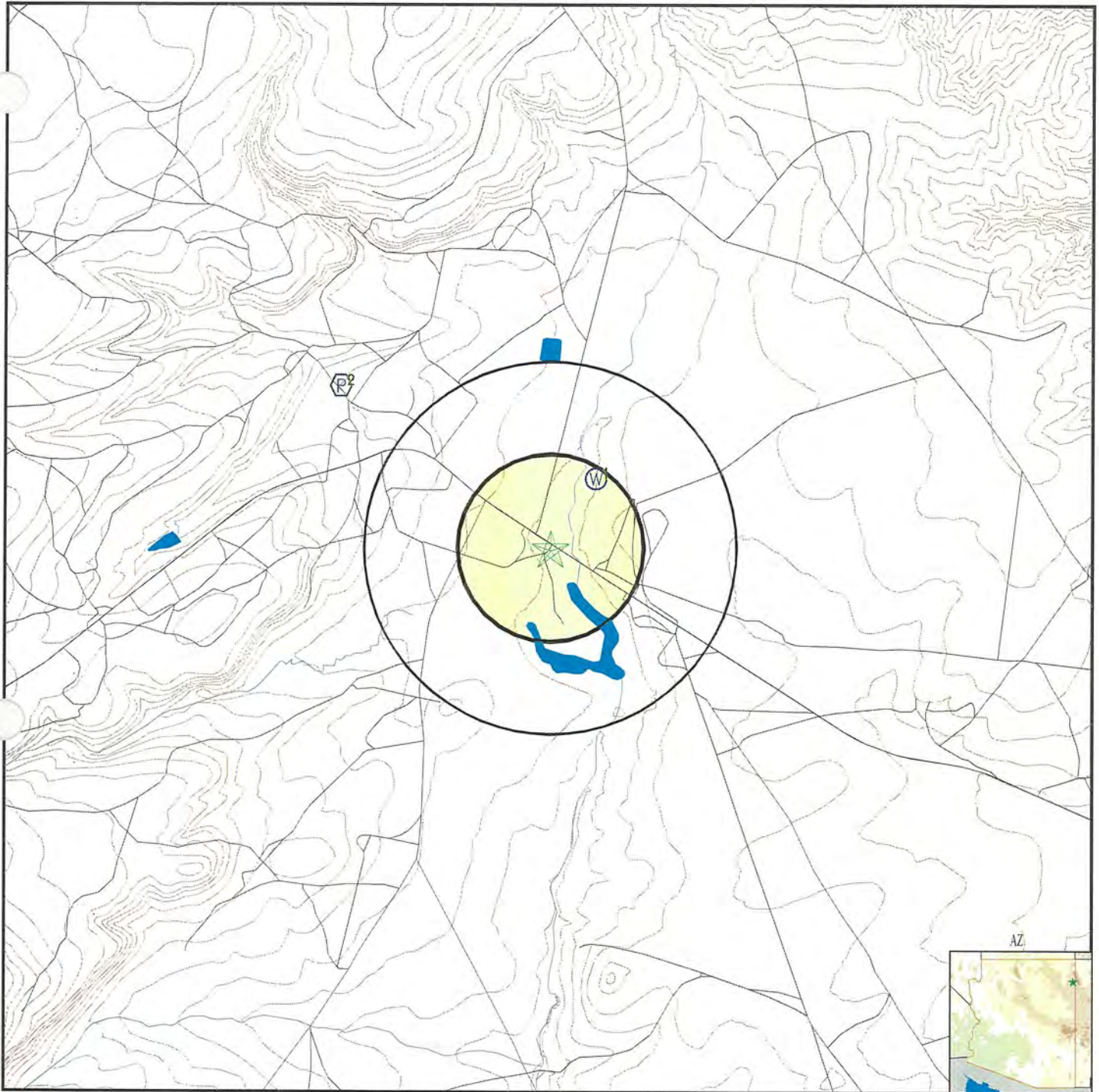
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	090403025	1/2 - 1 Mile NW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2400282.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

SITE NAME: LDS Sawmill, Arizona
 ADDRESS: Indian Route 7
 Sawmill AZ 86505
 LAT/LONG: 35.8962 / 109.1559

CLIENT: SLR International Corp.
 CONTACT: Jason Abel
 INQUIRY #: 2400282.2s
 DATE: January 16, 2009 10:36 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

NNE

1/8 - 1/4 Mile

Higher

FED USGS

USGS3008756

Agency cd:	USGS	Site no:	355356109091101
Site name:	089-08.55X06.95		
Latitude:	355356		
Longitude:	1090911	Dec lat:	35.89890015
Dec lon:	-109.15370838	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	001
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	7610.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19881101	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHN RES		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

2

NW

1/2 - 1 Mile

Higher

FRDS PWS

090403025

PWS ID:	090403025	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	SAWMILL COMM.-NTUA BOX 170 FT. DEFIANCE, AZ 86504		

Addressee / Facility: Not Reported

Facility Latitude:	35 54 09	Facility Longitude:	109 09 55
City Served:	NAVAJO IHS		
Treatment Class:	Not Reported	Population:	150

Violations information not reported.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for APACHE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 86505

Number of sites tested: 24

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.788 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Arizona Well Registration Database

Source: Department of Water Resources

Telephone: 602-417-2400

Contains information provided to ADWR's Operations Division by well drillers and/or owners.

OTHER STATE DATABASE INFORMATION

RADON

State Database: AZ Radon

Source: Arizona Radiation Regulatory Agency

Telephone: 602-255-4845

State Indoor Radon Survey

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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LDS Sawmill, Arizona

Indian Route 7

Sawmill, AZ 86505

Inquiry Number: 2400282.3

January 16, 2009

Certified Sanborn® Map Report

Certified Sanborn® Map Report

1/16/09

Site Name:

LDS Sawmill, Arizona
Indian Route 7
Sawmill, AZ 86505

Client Name:

SLR International Corp.
9561 South 700 East
Sandy, UT 84070



EDR Inquiry # 2400282.3

Contact: Jason Abel

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by SLR International Corp. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: LDS Sawmill, Arizona
Address: Indian Route 7
City, State, Zip: Sawmill, AZ 86505
Cross Street:
P.O. # 009.0214.00197
Project: LDS Sawmill AZ
Certification # 8EB8-44FD-BD79



Sanborn® Library search results
Certification # 8EB8-44FD-BD79

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

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LDS Sawmill, Arizona

Indian Route 7

Sawmill, AZ 86505

Inquiry Number: 2400282.4

January 16, 2009

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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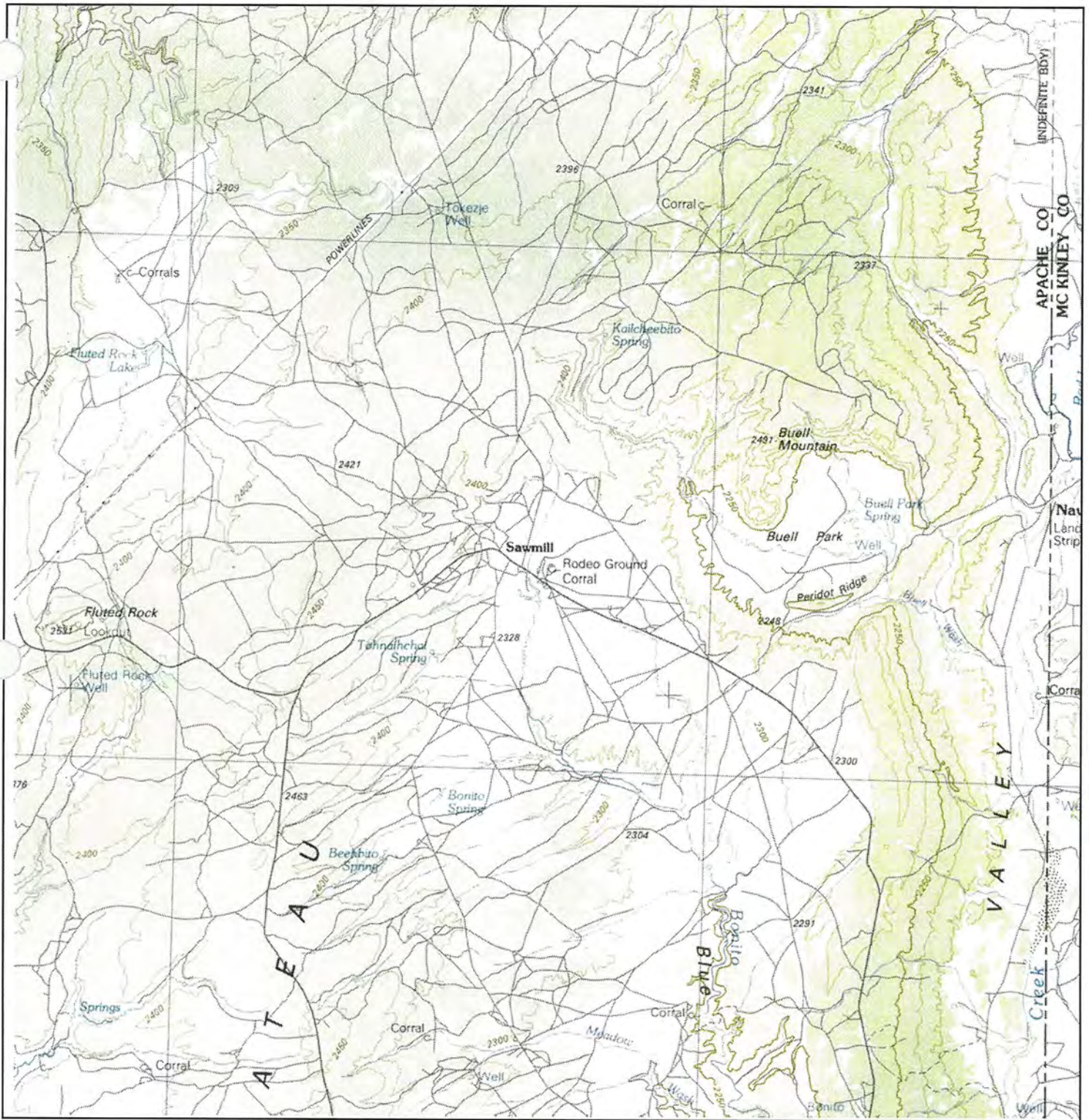
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<div>N</div> <div>↑</div>	TARGET QUAD	SITE NAME: LDS Sawmill, Arizona	CLIENT: SLR International Corp.
	NAME: Sawmill, AZ	ADDRESS: Indian Route 7	CONTACT: Jason Abel
	MAP YEAR: 1982	Sawmill, AZ 86505	INQUIRY#: 2400282.4
		LAT/LONG: 35.8962 / 109.155	RESEARCH DATE: 01/16/2009
	SERIES: 7.5		
	SCALE: 1:24,000		

Historical Topographic Map



<div data-bbox="105 1795 138 1900"> </div> <p>TARGET QUAD NAME: Ganado, AZ/NM MAP YEAR: 1984 SERIES: 30x60 SCALE: 1:100,000</p>	<p>SITE NAME: LDS Sawmill, Arizona ADDRESS: Indian Route 7 Sawmill, AZ 86505 LAT/LONG: 35.8962 / 109.155</p>	<p>CLIENT: SLR International Corp. CONTACT: Jason Abel INQUIRY#: 2400282.4 RESEARCH DATE: 01/16/2009</p>
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APPENDIX D

STATEMENT OF LIMITATIONS

STATEMENT OF LIMITATIONS

The conclusions presented in this report are professional opinions based on data described in this report. These opinions have been arrived at in accordance with currently accepted environmental industry standards and practices applicable to the work described in this report. The opinions presented are subject to the following inherent limitations:

1. This report was prepared for the exclusive use of the entity referenced in Section 1.6. No other entity may rely on the information presented in the report without the expressed written consent of SLR.
 2. This Phase I ESA report is subject to the terms and conditions in the SLR proposal referenced in Section 1.4 and in the contract between SLR and its client under which the work was performed. Any use of the Phase I report constitutes acceptance of the limits of SLR's liability specified in the contract. SLR's liability extends only to its client and not to any other parties who may obtain the Phase I report.
 3. SLR derived the data in this report primarily from visual inspections, examination of records in the public domain, and interviews with individuals having information about the *Site*. The passage of time, manifestation of latent conditions, or occurrence of future events may require further study at the *Site*, analysis of the data, and reevaluation of the findings, observations, and conclusions in the report.
 4. The data reported and the findings, observations, and conclusions expressed in the report are limited by the scope of work. The scope of work is presented in Section 1.4 and was agreed to by the client.
 5. SLR's Phase I ESA reports present professional opinions and findings of a scientific and technical nature. The report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations, or policies of federal, state, or local governmental agencies.
 6. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, *Site* location, and project indicated. This report is not a definitive study of contamination at the *Site* and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions was not performed as part of this investigation, unless indicated in Section 1.4. No sampling or chemical analyses of structural materials or other media was completed as part of this study unless explicitly stated in Section 1.4.
 7. This report is based, in part, on unverified information supplied to SLR by third-party sources. While efforts have been made to substantiate this third-party information, SLR cannot guarantee its completeness or accuracy.
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APPENDIX E

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

RUSSELL D. HAMBLIN, P.G.

PRINCIPAL GEOLOGIST, SALT LAKE CITY AREA MANAGER



Mr. Hamblin has over 23 years of professional experience in the environmental consulting field. This experience has included local and regional operations management, geologic and hydrogeologic hazardous materials investigations, remedial activities, geotechnical investigations, cartography, and due diligence-related environmental assessments. Over the last 19 years, Mr. Hamblin has served as project manager, geoscience group leader, office managing principal, and a regional manager.

Mr. Hamblin has served as field supervisor and project manager for numerous environmental site assessments (ESAs), hydrogeologic assessments, solid waste assessments, industrial and agricultural waste compliance projects, environmental due diligence assessments, and underground storage tank (UST) investigations and related remedial activities throughout the United States and Canada. Mr. Hamblin has also provided project management services on several industrial-related remediation projects throughout the United States. Specific tasks include planning, conducting, and managing soil and groundwater sampling at hazardous and industrial waste sites; interpreting geologic and hydrogeologic conditions and laboratory analytical results; designing and implementing soil and groundwater remediation systems; client and regulatory agency contact; and preparing and editing final reports. During his 22 years of project experience, Mr. Hamblin has supervised the drilling and installation of over 400 groundwater monitoring, observation, and remediation-related wells ranging in depth from 20 feet to over 275 feet. His experience has included supervising and logging borings advanced using a variety of drilling methods, including direct push, hollow-stem auger, air hammer, air rotary, and mud rotary. Mr. Hamblin has also written and reviewed several geologic and hydrogeologic sections of technical and environmental reports for sites located throughout the Western United States. His project experience is presented below.

SELECTED TECHNICAL MANAGEMENT EXPERIENCE

Industrial and Mining-Related Hazardous Materials and Hydrogeologic Investigations

- Managed soil and groundwater assessments at chemical and industrial manufacturing facilities in Oregon, California, Idaho, and Utah, including RCRA and CERCLA facilities. Studies involved the investigations and remediation of volatile and semi-volatile organic compounds, petroleum hydrocarbon (gasoline, diesel, and waste oil) products, and metals.
- Conducted detailed due diligence-related studies including a Phase I ESA, Expanded Phase I ESAs, and Phase II ESA sampling and analyses for a approximately 500-acre abandoned uranium mine site on Prince of Wales Island in Alaska. The studies included contamination assessments of uranium and other radioactive compounds and heavy metals of four areas where mine-related waste material have been disposed. The goal of the investigation was to differentiate areas which have been affected by radioactive mine waste materials and areas of naturally high radioactivity, which have not been affected by mining activities and associated waste materials.
- Completed due diligence studies at two large open pit mining operations with in the Mesabi Range in Northern Minnesota. Evaluated past and current environmental issues including areas of petroleum contamination from USTs and ASTs and current and futures status of the

facilities' Mine Closure Permit, Title V Air Quality Permit, and National Pollutant Discharge Elimination System (NPDES) permits with the State of Minnesota Department of Natural Resources and Pollution Control Agency to determine current and future liabilities for the prospective purchaser. This assessment was to allow the client to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability. The scope of services also included sampling and analyses of near surface soils in an abandoned explosives magazine. This assessment constituted all appropriate inquiry into the previous ownership and uses of the *Site* consistent with good commercial or customary practice, as defined in 42 U.S.C. § 9601(35)(B) of CERCLA.

- Conducted detailed due diligence-related studies on a mining operation in Emery County Utah including evaluation of facility compliance related to the use of on-site organic solvents; spill containment and integrity of aboveground storage tanks; evaluation of wastewater discharge permits; waste-rock storage evaluation; and ore processing operation.
- Participated in the writing and review of several chapters of a Hydrologic Description Section of an underground mine permit for proposed coal mining in Western Colorado. The purpose of the Hydrologic Description was to evaluate the potential hydrologic consequences of additional underground mining operations. Evaluations included the study of groundwater chemistry from existing groundwater monitoring wells and surface water monitoring locations (including creeks and springs) and proposing additional monitoring wells to fill data gaps related to proposed additional mining locations.
- Conducted soil and vegetation sampling in Juab County as part of a University academic study on the potential for heavy metal (Cu, Au, Ag) absorption by desert flora. Tasks included field sampling, mapping, and laboratory sample preparation.
- Managed soil and groundwater assessments at chemical and industrial manufacturing facilities in Oregon, California, and Utah, including RCRA and CERCLA facilities. Soil and groundwater studies involved the investigations and remediation of halogenated and aromatic volatile constituents, petroleum (gasoline diesel, and waste oil) products and metals.
- Managed a preliminary RCRA soil sampling investigation and completed a RCRA Facilities Investigation (RFI) Work Plan development at a solvent recovery in the Portland Oregon, area. Services have also included negotiations with state [Oregon Department of Environmental Quality (DEQ)] and Federal (EPA) regulatory agencies for corrective measures study (CMS).
- Performed Hydrogeologic Assessment Report (HAR) studies for the State of California's Regional Water Quality Control Board (RQCB) at two chemical manufacturing facilities in Bakersfield and Fresno County. The study at the Fresno County facility involved investigation of radionuclides, metals, sulfuric acid, and dissolved solids. The Bakersfield facility involved the investigation of metals and chlorinated solvents. Both HARs included aquifer testing and characterization.

- Conducted groundwater assessments and Solid Waste Assessment Testing (SWAT) for the State of California at several landfills, including sites near Fresno, Modesto, Visalia, and Corcoran. The studies included ongoing groundwater monitoring and aquifer- and vadose-zone monitoring.
- Performed hydrogeologic investigations at several agricultural impoundment facilities throughout the West Coast. Included evaluation of pesticide and agricultural chemical source areas, including USTs, lined ponds, and unlined impoundments. Agricultural chemical included organophosphorus and chlorinated pesticides, carbonated and phenoxy herbicides investigations included soil and groundwater investigations and ongoing quarterly groundwater monitoring.
- Conducted drilling and soil sampling investigation at Castle Air Force Base near Merced, California, that included evaluation of soil conditions with respect to hydrocarbon and pesticide contaminants.
- Managed soil and groundwater investigations and remediation relating to (Leaking Underground Storage Tank (LUST) systems at over 100 service station facilities and bulk chemical plants for major oil companies (Southland, Texaco, Mid-State Petroleum, Unocal, ARCO, and Pennzoil) sites in Oregon, California, Washington, Idaho, and Utah. Included UST decommissioning, site inspections, initial contaminant abatement measures, follow-up soil and groundwater investigation to define the extent of contamination, and Feasibility Studies (FSS) for on-site and off-site remediation.

Expert Witness

- Served as an expert witness on a case in Hillsboro, Oregon for an owner of a gasoline service station who was in part bought out by the state of Oregon Highway Division as part of a state road expansion project. The buy-out resulted in the closure of her gasoline retail operation, and because contamination was encountered during closure of the USTs, the State only offered her minimal financial reimbursement for her property. Legal council and Mr. Hamblin were successful in negotiating additional State money for our client based on the argument that retail gasoline operations could have been reopened while in situ vapor extraction remedial activities were completed on site if the State had not purchased the property.

Remedial Investigations

- Managed a \$1.25 million remediation project for a major US oil company in a rural community in Southern Utah. Remedial investigations included installation of 16 groundwater monitoring wells and 20 remediation wells, including 10 extraction wells, seven monitoring wells, and three injection wells. Well depths ranged from 40 to 120 feet. Remedial investigations also included quarterly groundwater monitoring, natural attenuation monitoring and evaluations, development of a remedial strategy, evaluation of light non-aqueous phase liquid (LNAPL), soil vapor extraction (SVE) and high vacuum (HiVac) pilot testing, ecologic and

human health risk assessment, indoor air quality monitoring and evaluation, remedial design, and SVE/HiVac system installation, operation, monitoring, and maintenance. Also conducted sound monitoring and assisted with the design and construction of sound attenuation measures for the remediation system, which included a sound attenuation barrier and silencer emissions stack. Project management duties also included holding public meetings, preparation and publication of community newsletter for public awareness, and conducting community public relations for the client.

- Managed installation of groundwater remediation network at an NPL Superfund site in Salt Lake City, Utah. This remedial investigation included installation of extraction wells and piezometers, well development, soil sampling, step drawdown testing and evaluation, and well modification to network with an air-stripping system.
- Conducted and managed a Remedial Investigation (RI) at a major paper products facility in Portland, Oregon. Multiple investigations were conducted at this facility concurrently, based on CERCLA investigation protocols, following the removal of over 25 USTs, which previously contained various ethyl-based alcohols, MIBK, toluene, and diesel and gasoline fuels. Soil and groundwater samples were analyzed for several other organic chemicals including chlorinated solvents (TCE and PCE) and total priority pollutant metals. A vapor extraction system was designed, pilot tested, and installed at this site to remediate toluene-impacted soils.
- Managed the design, implementation, and monitoring of five vapor extraction systems for soil and groundwater remediation systems at several UST and hazardous waste facilities in Oregon and Utah.
- Designed and installed a vapor extraction/air sparging dual system at a wood products facility in North Bend, Oregon. The System operated for approximately 1.5 years and was successful in remediation of soil and shallow groundwater contaminated with mineral spirits. Multiple remedial investigations were also conducted at this facility to evaluate and assess hydraulic oil, mineral spirits, diesel, and gasoline contaminated soil and groundwater.
- Managed design, implementation, and monitoring of soil mounding and venting bioremediation systems. Included treatment of over 1,000 cubic yards of excavated soils contaminated with gasoline, heavy fuels, and waste oil via injection of nitrogen and phosphate nutrients, microbes, and emulsifiers for bioremediation at an 80-year-old bulk storage facility for a major petroleum company in Cornelius, Oregon. Completion of the bioventing mound was accomplished in approximately one year.
- Conducted feasibility studies at industrial waste facilities for soil and groundwater remediation considerations; including completing aquifer slug and pumping tests, vapor extraction pilot testing, air sparging pilot testing, soil permeability assessments, chemical evaluation, and historical research. Mr. Hamblin utilized data from these studies to evaluate the most feasible and cost-effective remedial action alternatives.
- Designed, installed, and operated soil vapor extraction (SVE) system for a paper products company in Portland, Oregon, for the remediation of toluene-contaminated soils.

Due Diligence-Related Property Transfer Assessments and Auditing

- Completed and managed over 1,000 Phase I and Phase II property transfer assessments for various landowners, land developers, commercial lending institutions, and industrial facilities in over 25 US states and two Canadian Provinces.
- Managed and performed over 100 transaction screen process (TSP) investigations of proposed cellular tower sites in accordance with ASTM standards in Utah and Idaho for a major regional FCC-regulated cellular telecommunications company. TSPs were augmented with inquiries into National Environmental Policy Act (NEPA) issues including wilderness areas, wildlife preserves, endangered species, flood plains, wetlands, and archeological sites.
- Managed a nationwide program that included Phase I, Phase II, and geotechnical investigations on over 500 sites for a worldwide church organization since 1993. Projects have included residential, agricultural, industrial, and commercial properties throughout the United States and Canada.
- Conducted a Phase I environmental site assessment and an Environmental Compliance Audit for a facility in Utah that manufactures storage retrieval cranes and automated guided vehicles. Also managed a RCRA and Industrial Waste Compliance Audit for a national jeweler manufacturer in Bountiful, Utah.

Other Environmental and Geologic Projects

- Conducted a Geologic Investigation near the Weber State University Campus in Ogden, Utah to determine potential geologic hazards in a seismic-sensitive area. The field investigation consisted of excavating four test trenches perpendicular to mapped fault traces along the east and west property boundaries and associated reporting.
- Performed a slope stability and geologic hazards investigation and geologic mapping and aerial photography interpretation at two sites under consideration for development in the hills near Ventura, California.
- Coordinated and assisted with completion of a hazardous waste minimization plan for an industrial coated-paper products facility in Portland, Oregon.
- Conducted geotechnical soil and groundwater characterization and environmental investigation at sites near Sanger, California, under consideration for use as winery stillage disposal fields. Included evaluation of metals, dissolved solids, and pH of soil and groundwater samples. Hydrogeologic data were based on evaluation of permeability, percolation, and infiltration tests and from hydrographs.
- Conducted drilling, soil sampling, compaction testing and building materials testing and inspections for several geotechnical studies in the Fresno and Visalia areas of California.

- Management and coordination of demolition projects and geotechnical-related studies associated with environmental due diligence services for a real estate investor in over 25 US states.

Employment History

1985-1987 BSK and Associates Fresno, California

Staff Geologist: Field services including geotechnical and environmental studies including soil and groundwater investigations.

1987-1988 Kleinfelder and Associates, Fresno, California

Staff Geologist: Field services and field task manager on various subsurface investigations environmental projects.

1988-1991 Brown and Caldwell, Portland, Oregon

Project Geologist: Project and client manager on numerous environmental remedial investigations.

1991-2005 SECOR International Incorporated, Portland, Oregon and Salt Lake City, Utah

Principal Geologist: Project and client manager on numerous environmental remedial investigations, operations manager, regional manager.

2005- Present SLR International Corp, Salt Lake City, Utah

Principal Geologist: Project and client manager on numerous environmental remedial investigations and operations manager.

Education

M.S. Geology, 1985, Brigham Young University, Provo, Utah

B.S. Geology, 1983, Oregon State University, Corvallis, Oregon

Professional Certifications and Registrations

Registered Professional Geologist, Oregon (No. 1057), 1989

Registered Professional Geologist, Idaho (No. 680), 1990

Professional Geologist, Utah (5419780-2250), 2003

Certified UST Consultant, Utah (No. CC0080), 1996-2004

40-Hour OSHA Health & Safety Certification (29 CFR 1910.120), 1988

40-Hour OSHA Health & Safety Annual Update Certification, 1997-2003

8-Hour OSHA Site Supervisor's Certification, 1995

Publications

"The Stratigraphy and Depositional Environments of the Gebel El-Rus area, Eastern Faiyum, Egypt"

M.S. Thesis, *BYU Geology Studies*, Vol. 34, Pg. 1, 1987. "The Geology of the Gebel El-Rus Area and Archaeology Sites in the Eastern Faiyum, Egypt", excavations at Seila, Egypt, Religious Study Center, Brigham Young University, Provo, Utah, Vol. 1, 1988.

Mr. Abel brings over seven years of environmental program management, remediation engineering, subsurface investigation, and Phase I Environmental Site Assessments (ESAs) experience to the clients of SLR International Corp. Mr. Abel has successfully managed a wide range of environmental projects requiring negotiations with regulatory and other agencies. Environmental engineering design experience includes environmental cleanup and controls involving a wide variety of technologies and processes. Mr. Abel has considerable experience with all aspects of environmental assessment, permitting, remediation, site regulatory closure, management, and costing is a valuable asset to the clients of SLR International Corp where Mr. Abel is an Associate Engineer. A summary of relative experience is presented below.

SELECTED TECHNICAL MANAGEMENT EXPERIENCE

Property Transfer Assessments

- Project Manager for over 200 Phase I Environmental Site Assessments (ESAs) performed in accordance with ASTM E-1527-00 and ASTM E-1527-05 / All Appropriate Inquiries (AAI), for various landowners, land developers, commercial lending institutions, major regional cellular telecommunications companies, and industrial facilities in locations throughout the United States and Canada at a variety of commercial retail properties, apartment buildings, industrial, and manufacturing facilities, and large undeveloped parcels. Responsibilities have included regulatory records reviews, site investigations, personnel interviews, evaluation of aerial photographs and historical maps, technical writing, and developing scopes of work for further evaluation, if needed.

Phase II Site Investigations / Site Characterizations

- Project Manager for several subsurface investigations that include characterization of soil and groundwater and interpretation of chemical analytical results. Field experience includes monitoring well installation, geotechnical soil sampling, environmental soil sampling, groundwater sampling, sediment sampling, well elevation surveys, geological logging of test pits, and remediation system installation, operation, maintenance, and evaluation.
- Project Manager for client with heavy metals impacted groundwater at a 240-acre agricultural property adjacent to a former steel mill facility. Responsible for determining the degree, nature, and extent of heavy metals impact to soil and groundwater at the property. Task activities included completing site investigation and follow-up groundwater monitoring.
- Project Manager for Phase I ESAs and Phase II investigations of several properties located on undeveloped lands owned by a large copper mine facility. Environmental issues identified at this site were related to heavy metals deposited in the soils at the various properties and the existence of a large sulfate contamination plume located under the properties.

- Project Manager for Phase II investigations of properties located near the Great Salt Lake in Salt Lake City, Utah with heavy metals impacted groundwater. Responsible for determining the degree, nature, and extent of heavy metals impact to soil and groundwater at the property. The investigation included installation of soil borings and groundwater monitoring wells to identify heavy metals levels in the soil and groundwater.
- Project Manager for a Brownfields redevelopment project at an abandoned railroad roundhouse located in Evanston, Wyoming. Responsible for determining the nature and extent of volatile organic compounds, polychlorinated biphenyl, polycyclic aromatic hydrocarbon, and heavy metal contamination in on-site subsurface soil and groundwater. Developed work plan, conducted and managed fieldwork, and completed final reporting deliverables based on state regulator's formats and requirements.

Remediation – Underground Storage Tank (UST) Corrective Action

- Project Engineer responsible for assisting in the management of a \$1.25 million remediation project for a major U.S. oil company in a rural community in Southern Utah. Responsibilities included operation, monitoring, and maintenance of the soil vapor extraction (SVE) and high vacuum (HiVac), quarterly groundwater monitoring, and natural attenuation monitoring and evaluations. Project tasks included preparing construction bid specifications for the expansion of the HiVac system and semi-annual reports on the progress of the remediation system.
- Project Manager of a Wyoming Department of Environmental Quality (WDEQ) leaking underground storage tank (LUST) remediation project consisting of six sites located in Grand Teton National Park and John D. Rockefeller Memorial Parkway in Teton County, Wyoming. The remediation systems included soil vapor extraction, ozone sparging, air sparging, inSitu Oxygen Curtain™ (iSOC™), and natural attenuation groundwater monitoring. Responsibilities included providing support for construction and equipment supplier contract coordination, including review of contractor submittals, and coordination with the Grand Teton National Park, conducting and managing fieldwork, preparing the operation and maintenance (O&M) manual, bid documents, addenda, and as-built submittal to the WDEQ, training of the O&M contractor, and overseeing the O&M work done by the contractor. Project challenges included noise limitations, remote locations, and extreme winter weather conditions.
- Project Manager for remediation of hydrocarbon release at former gasoline stations in Salt Lake City, Utah and Ely, Nevada. Tasks completed included work plan preparation and negotiations, remedial investigations of soil and groundwater, feasibility assessment, negotiations with the state regulators, and design and construction oversight of remediation system. Project challenges for both locations included noise regulations, space limitations, access issues, and meeting vapor emissions specifications.

- Performed ongoing groundwater sampling and monitoring of several LUST sites in Utah, Florida, and Idaho as a Project Engineer. These sites include several former and presently operating gasoline service stations. Periodic sampling events at these sites are conducted for multiple parameters including volatile organic compounds, TPH, and MBTEXN. Natural attenuation parameters are also monitored and sampled. These include dissolved iron, manganese (II), nitrate, sulfate, alkalinity, pH, conductivity, dissolved oxygen and oxygen-reduction potential. Completion of these procedures includes laboratory and supply coordination, use of electronic instrumentation, chain of custody protocol and appropriate analysis designation. Reports include these various procedures, maps, computer-generated graphs, cross-sections, interpretations and recommendations of laboratory, monitoring and sampling data.
- Project Manager for remediation of hydrocarbon releases at former gasoline stations in Green River, Utah; Logan, Utah; and Salt Lake City, Utah. Tasks completed included work plan preparation and negotiations, remedial investigations of soil and groundwater, feasibility assessment, negotiations with the state regulators, and design of remediation system. The remediation designs included the design, installation, and O&M of a passive free product removal system, and removal of contaminated soils.

Hazardous Waste Management

- Project Engineer responsible for assisting in the project management of a Hazardous Material Assessment of a former steel mill in Vineyard, Utah. Responsibilities included performing field testing on gear and hydraulic oil for polychlorinated biphenyls (PCBs) content and sampling of suspect asbestos containing material and lead-based paint surveys on equipment that was to be dismantled prior to being shipped overseas.

Spill Prevention, Control, and Countermeasure Plans

- Project Manager responsible for preparing a Spill Prevention, Control, and Countermeasure (SPCC) Plan for a large bakery facility in Salt Lake City, Utah in accordance with 40 CFR 112.

Asbestos Inspections

- Project Manager for over 50 pre-demolition asbestos surveys and limited asbestos surveys on several commercial facilities and residential structures as an AHERA certified asbestos inspector. The surveys include sampling interior, exterior, and roofing materials for laboratory analysis and estimating quantities of asbestos containing materials, and providing cost estimates for abatement.

Employment History

1999-2003 Terracon, Inc., Salt Lake City, Utah
2003-2005 SECOR International Incorporated, Salt Lake City, Utah
2005- Present SLR International Corp, Salt Lake City, Utah

Education

B.S. Civil and Environmental Engineering, 2000, University of Utah, Salt Lake City, Utah

Professional Memberships

American Society of Civil Engineers
Association of Environmental and Water Resources Engineers

Professional Certifications and Registrations

Licensed Professional Engineer (Environmental), Utah (No. 374815-2202), 2005
Registered Professional Engineer (Civil), Alaska (AEL C 11375), 2005
Registered Professional Engineer, Florida (No. 64112), 2006
Certified Environmental Manager, Nevada (No. EM-2154), 2008.
40-hour OSHA Health and Safety Certification - Hazardous Waste (29CFR 1910.120), 2001
8-hour OSHA Health and Safety Refresher (29CFR 1910.120), April, 2007
8-Hour OSHA Supervisor's Certification, 2004
First Aid/CPR Certification, American Red Cross
Certified UST Consultant, Utah (CC-0198)
Certified UST Groundwater and Soil Sampler, Utah (GS-1348)
AHERA Certified Asbestos Inspector, Utah (ASB-2475)
Nuclear Density Gauge Certification, 1999



ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EXECUTIVE DIRECTOR/ADMINISTRATION

OFFICE OF ENVIRONMENTAL REVIEW

PO BOX 339 WINDOW ROCK ARIZONA 86515 Office: 928/871-7188 Fax: 928/871-7996

Website: www.navajonationepa.org

M E M O R A N D U M

TO: Howard Draper, Program & Project Specialist
Project Review Office
Navajo Land Department
Division of Natural Resources

FROM:

Rita Whitehorse-Larsen, Senior Environmental Specialist
Office of Environmental Review
Office of the Executive Director/Administration
NNEPA

DATE: August 21, 2014

SUBJECT: 164 EOR 002203 RUP for Sawmill LDS Church

The Corporation of the Presiding Bishop of the Church of Jesus Christ, 50 East, North Temple, Salt Lake City, Utah, 84070, applied for a mission site within the Sawmill community to withdraw 2.00 acres, more or less of Navajo Tribal Trust Lands for mission site. The church site encompasses 2.00 acres, more or less, of the Navajo Nation Trust Land located in Sections 29 and 30, T29N, R3E, Sawmill, Apache County, Arizona.

The Navajo Nation Environmental Protection Agency (NNEPA) reviewed and recommends *conditional approval* for the proposed mission site lease project as stated in EOR 002203 pursuant the Title 4, NNC Chapter 9 Navajo Nation Environmental Policy Act, Subchapter 1, §904.

The proposed action is subject to the following:

1. Clean Water Act Section 402 – an application must be submitted to USEPA Region 09, Water Division, NPDES Permits Office (WTR-5), 75 Hawthorne Street, San Francisco, CA, 94105, Gary Sheth, Navajo Nation Permitting Lead, office: 415-972-3516; email: sheth.gary@epa.gov or fax: 415-947-3545. Here is the Regional Permits webpage: <http://www.epa.gov/region9/water/npdes/permits.html>; a courtesy copy should be submitted to NNEPA Water Quality Office to Mr. Patrick Antonio.

2. Solid waste generated from the construction and operation activities will be collected and transported by contractor to a designated trash bins to minimize significant impacts to human and wildlife resources.
3. If a sub-contractor will be hired to transport waste, ensure the contractors are certified and licensed with the Navajo Nation Business Regulatory Office.
4. The contractor must submit a copy of the landfill receipt/ticket to guarantee the construction waste has been properly disposed.
5. Do not allow public to take construction and operation waste. Cumulatively NNEPA receives complaints and reports on illegal trash dumpings on rural areas and in the waters of the US and Navajo Nation.
6. All illegal waste currently on the proposed site is the responsibility of the land user.
7. No Hazardous waste will be store, generated or transported to and from the proposed project site.
8. No underground or aboveground greater than 100 gallons is expected to be at the proposed site.
9. The NNEPA Surface & Groundwater Protection Department – Public Water System Supervision Program (PWSSP) recommends *all proposed drinking water projects to be permitted by the PWSSP and all proposed drinking water projects (extensions, upgrades, new wells, new public water systems, etc.) must also comply with the design review and construction permit pursuant the §§1501 and 1601 of the Navajo Nation Primary Drinking Water Regulations before commencing any construction project activities.*
10. *All proposed wastewater projects will be permitted by the Domestic Wastewater Program. Extensions, upgrades, new sewer infrastructure, septic tanks and other wastewater infrastructure must comply with the design review and construction permit requirements pursuant to §201 of the Domestic Wastewater Program before commencing any construction project activities.*
11. Contact Yolanda Barney, Environmental Program Manager, NNEPA, Surface & Groundwater Protection Department, PWSSP at 928/871-7755 for questions or visit the website at www.navajonationpublicwater.org.
12. Apply water to control dust to lessen air impacts to community members and public located in or near the proposed action.
13. The Church of Jesus Christ is subject to monitor and prevent invasive and noxious weeds either by manual or chemical control.
14. Before applying any chemicals, contact the NNEPA Pesticide Program at 928/871-7815/7810/7892 to ensure the product is in compliance and appropriately applied by a certified and licensed applicator and to seek a Pesticide Use Permit (PUP).
15. Water Use Permit must be permitted from the Navajo Nation Water Code Program. Contact Mr. Melvin Badonie at 505/368-1426 for contact in Window Rock Office.

If there are any questions you may contact Rita Whitehorse-Larsen at 928/871-7188. Thank you.

Cc: Corporation of the Presiding Bishop of the Church of Jesus Christ, 50 East, North Temple, Salt Lake City, Utah, 84070
NNEPA Water Quality, PWSSP; Air Quality, OPP; Pesticides; RCRP; Storage Tank Program;
Administration chrono file
Contact person: Terry F. Rudd, Authorized Agent, 801-240-4310



United States Department of the Interior

Bureau of Indian Affairs
Navajo Region
P. O. Box 1060
Gallup, New Mexico 87305



MC 620: Division of Environmental, Cultural & Safety Management

Mr. Jason T. Abel, P.E.
SLR International Corp
9561 South 700 East, Suite 102
Sandy, Utah 84070

OCT 28 2009

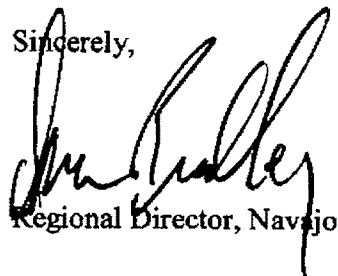
Dear Mr. Abel:

EA-09-145

The Environmental Assessment (EA), EA-09-145, for The Church of Jesus Christ of Latter-Day Saints (LDS Church) proposed Sawmill Meeting House Site where a previous meeting house was located on approximately 2.0 acres of Navajo Tribal Trust Land in Sawmill, Apache County, Arizona, has been reviewed by the Division of Environmental, Cultural, and Safety Management, Navajo Regional Office. A Finding of No Significant Impact (FONSI) has been determined for the proposed action. The project will not have a significant impact on the quality of the natural and human environment. An environmental impact statement for the proposed action is not required.

If you have questions, you may contact Ms. Harrilene J. Yazzie, Regional NEPA Coordinator, at (505) 863-8287.

Sincerely,



Regional Director, Navajo

Enclosure

cc: Mr. Douglas Cheesman, Real Estate Project Manager, 830 East 2nd Avenue, Mesa, Arizona 85204

LEGAL DESCRIPTION

LEASE AREA

A PARCEL OF LAND SITUATED WITHIN SECTION 24,
TOWNSHIP 02 NORTH, RANGE 07 WEST, OF THE NAVAJO
BASELINE AND MERIDIAN, APACHE COUNTY, ARIZONA AND
MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A RIGHT-OF-WAY POINT, A FOUND 5/8 INCH
REBAR ALONG B.I.A. ROUTE 7 IN THE COMMUNITY OF
SAWMILL, ON THE NAVAJO RESERVATION; THENCE ALONG THE
SOUTH LINE OF SAID ROUTE 7, N88° 21' 32"E, A DISTANCE
OF 674.06 FEET; THENCE S06° 58' 08"W, A DISTANCE OF
1346.06 FEET; THENCE S88° 20' 30"W, A DISTANCE OF
669.38 FEET; THENCE N06° 46' 11"E, A DISTANCE OF
1345.57 FEET, TO THE POINT OF BEGINNING.

**FINDING OF NO SIGNIFICANT IMPACT
ENVIRONMENTAL ASSESSEMENT DOCUMENT, EA-09-145
SAWMILL MEETING HOUSE SITE**

LDS CHURCH

Location: Sawmill, AZ, Quadrangle, USGS 7.5 Minute Series Map
Section 29, T29N, R30E, G&SRPM
Sawmill, Apache County, Arizona

The proposed action is construction of a meeting house and associated parking lot on an approximate 2.0-acre parcel of Navajo Tribal Trust land in Sawmill, Apache County, Arizona. The site is located on Indian Route 7 in Sawmill, Apache County, Arizona. Utility infrastructure is in close proximity to the proposed site. The nearest large community is Fort Defiance, Arizona, which is located approximately 14 miles south/southeast of Sawmill. The project is sponsored by the LDS Church, Attention: Mr. Douglas Cheesman, 830 East 2nd Avenue, Mesa, Arizona 85204.

The project environmental assessment (EA) was reviewed by the Division of Environmental, Cultural, and Safety Management, Navajo Regional Office. Based on the environmental assessment and the mitigation measures specified in the document, it is determined that the proposed action will not have a significant impact on the natural and human environment. Therefore, in accordance with the National Environmental Policy Act, Section 102 (2) (C), an environmental impact statement will not be required.

The following references, incorporated in the environmental assessment, serve as the bases for this decision:

1. Agency and public involvement was solicited. Environmental issues relative to the proposed action were identified. Alternative courses of action and mitigation measures were developed in response to environmental concerns and issues.
2. The EA disclosed the environmental consequences of the proposed and "no action" alternatives.
3. In compliance with the Endangered Species Act, informal consultation was held with the Navajo Nation Department of Fish and Wildlife (NNDFW), Natural Heritage Program (NHP) and the U.S. Fish and Wildlife Service (USFWS). The NNDFW provided a list of species of concern known or with the potential to occur on the *Sawmill, AZ*, USGS 7.5-Minute Quadrangle containing the project boundaries (EA-Appendix C, Biological Survey Report, May 26, 2009, Letter from NNDFW). Zoology Unlimited, LLC (ZU) conducted a pedestrian survey of the project area on June 6, 2009. Detailed field notes were taken of the species and habitats encountered during the survey. Potential foraging habitat exists for the ferruginous hawk, but, due to the transient nature of foraging individuals, it is not expected that they will be adversely impacted. No mitigation is required, however, it is recommend that SLR use existing roads during construction of the church meeting house and associated parking lot (EA, Appendix C, Biological Survey Report). The NNDFW issued Biological Resources Compliance Form (BRCF), NNDF&WL Review No. 07/27/09D indicating Compliance with Tribal and Federal laws protecting biological resources.
4. Potential impacts to floodplains and wetlands by the proposed project have been evaluated in accordance with Executive Orders 11988 and 11990 respectively. No federal or tribal floodplain maps are available for the area. Based on a site visit and review of topographic maps, the site is likely located outside 100-year and 500-year floodplains (EA, Part 4.2.3). There are no springs, rivers, lakes, wetlands

or riparian areas on or near the proposed project site (EA, Part 4.2.1).

5. Water Resources – no surface water occurs on or near the proposed project site. The project site has no distinct drainages or washes (EA, Part 4.2.1).

6. CWA – 402(p) – In compliance with the Clean Water Act, as amended, Section 402(p), Storm Water Pollution Protection, a Notice of Intent must be filed with the U.S. Environmental Protection Agency by the operator (EA, Part 4.1.2).

7. In compliance with the National Historic Preservation Act of 1966, as amended, Section 106 and 36 CFR 800.9 (b), a cultural resources inventory of the proposed project area was conducted by CSWTA, Inc., Archaeological Consultants (CSWTA). The Navajo Nation Historic Preservation Department (NNHPD) issued Cultural Resources Compliance Form (CRCF), NNHPD NO. HPD-09-306, indicating, "No historic properties affected" (EA, Appendix D-CRCF). In the event of a discovery [discovery means any previously unidentified for incorrectly identified cultural resources including, but not limited to, archaeological deposits, human remains, or locations reportedly associated with Native American religious/traditional beliefs or practices] all operations in the immediate vicinity of the discovery must cease, and the Navajo Historic Preservation Department must be notified.

8. RCRA, Subtitle C, Hazardous Waste and Subtitle D, Non-Hazardous Solid Waste – No RCRA, CERCLA or TSCA sites occur on or near the proposed site boundaries (EA, Part 4.7). Hazardous waste is not expected to be used, generated, handled, or stored on or near the proposed project site as part of construction or operation of the proposed project. No observations were made during the site survey to suggest the presence of hazardous waste within the site boundaries (EA, Part 3.7.1). Based on a site survey, no non-hazardous solid waste sites occur on or near the proposed project site (EA, Part 3.7.2). Area residents haul their solid waste to a transfer station in Fort Defiance, Arizona (EA, 3.6.4). A Phase I Environmental Site Assessment was conducted on the 2.0-acre proposed project site in conformance with ASTM Practice E1527-05. The assessment revealed no evidence of *recognized environmental conditions*; no evidence of *historical recognized environmental conditions*; and no evidence of *business environmental risk* in connection with the site (EA, Appendix E, Phase I Environmental Assessment).

9. Agriculture – there are no community/cooperative or family farms located in the area. No farms were found on or near the proposed project site during a site survey (EA, Part 3.8.2).

10. Noxious Weeds – vegetation removal and disturbance has the potential to increase infestation of invasive weed species. The Navajo Nation Department of Agriculture may be contacted regarding management and control of noxious weeds. The NNEPA, Pesticide Enforcement and Development Program may be contacted regarding pesticide/herbicide applicators.

11. Air Resources – clean water shall be applied to the ground during construction of the proposed facilities to control fugitive dust emissions into the atmosphere (EA, Part 4.3.1).


12. Noise levels – the noise levels at the site will temporarily increase during construction activities. The construction will be limited to the daylight hours from 9:00 a.m. to 5:00 p.m., Monday through Friday. Moderate, short-term impact to the existing community noise levels is anticipated as a result of the proposed project (EA, Part 4.9.2).

13. Community Infrastructure – electrical, water, and wastewater services in the region are owned and operated by the Navajo Tribal Utility Authority (NTUA). Electrical and water utility lines have previously been extended to the site. The site has a septic tank that serviced the previous meeting house (EA, Part 3.6.4).

14. Cumulative and secondary effects on soil, water, air, noise, vegetation, cultural resources, and wildlife resources (species and habitat) were considered, and the proposed mitigation measures were found to be acceptable.

15. In accordance with Executive Order 12898 on Environmental Justice, impacts to minority and low-income populations and communities have been considered by the Regional NEPA Coordinator, as have impacts to Indian Trust Resources.

The proposed project will provide a meeting place in the community for LDS Church members and non-members to congregate.



Regional NEPA Coordinator

10/27/2009
Date

CULTURAL RESOURCES COMPLIANCE FORM

THE NAVAJO NATION
HISTORIC PRESERVATION DEPARTMENT
PO BOX 4950
WINDOW ROCK, ARIZONA 86515

ROUTING: COPIES TO

AZ SHPO
XX REAL PROPERTY MGT/330
CSWTA

NNHPD NO. **HPD-09-306**

OTHER PROJECT NO.

CSWTA-ARCH-2009025

PROJECT TITLE: A Cultural Resources Inventory Survey for the Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Proposed Church Mission Site with Associated Utilities in the Vicinity of Sawmill, Apache County, Arizona

LEAD AGENCY: BIA/NR

SPONSOR: Doug Chessman, 830 E. 2nd Ave., Mesa, Arizona 85204

PROJECT DESCRIPTION: The proposed undertaking will involve a mission site lease & the construction of missionary buildings along with the installation of associated facilities/utilities within the 2.0-acre lease area. Ground disturbance will be intensive and extensive with the use of heavy equipment.

LAND STATUS: Tribal Trust

CHAPTER: Sawmill

LOCATION: T.29N, R.30E - Sec. 29 & 30; Sawmill Quadrangle, Apache County, Arizona G&SRPM&B

PROJECT ARCHAEOLOGIST: Loretta Flatrock

NAVAJO ANTIQUITIES PERMIT NO.: B09164

DATE INSPECTED: 03/28/09

DATE OF REPORT: 04/02/09

TOTAL ACREAGE INSPECTED: 2.73-ac

METHOD OF INVESTIGATION: Class III pedestrian inventory with transects spaced 10-12 m apart.

LIST OF CULTURAL RESOURCES FOUND: None
LIST OF ELIGIBLE PROPERTIES: None
LIST OF NON-ELIGIBLE PROPERTIES: None
LIST OF ARCHAEOLOGICAL RESOURCES: None

EFFECT/CONDITIONS OF COMPLIANCE: **No historic properties affected.**

In the event of a discovery ["discovery" means any previously unidentified or incorrectly identified cultural resources including but not limited to archaeological deposits, human remains, or locations reportedly associated with Native American religious/traditional beliefs or practices], all operations in the immediate vicinity of the discovery must cease, and the Navajo Nation Historic Preservation Department must be notified at (928) 871-7148.

FORM PREPARED BY: Tamara Billie

FINALIZED: April 10, 2009

Notification to

Proceed Recommended:

Yes XX No

Conditions:


Yes No XX


Alan S. Downer, Navajo Nation
Historic Preservation Officer

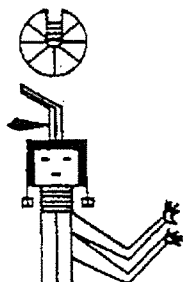
4/10/09
Date

Navajo Region Approval:

Yes p No


BIA-Regional Director

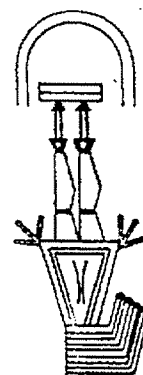
4/20/09
Date



CSWTA, Inc., Archaeological Consultants

A Tł'izilání Corporation

P. O. Box 790 • Tuba City, AZ 86045 • (928) 283-4323



April 3, 2009

Doug Chessman
830 E. 2nd Ave.
Mesa, Arizona 85304

Dear Mr. Chessman:

Enclosed is a final Cultural Resources Inventory Survey for the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Proposed Church Mission Site with Associated Utilities in the Vicinity of Sawmill, Apache County, Arizona. Three (3) copies of the report have been mailed to the Navajo Nation Historic Preservation Department in Window Rock for clearance.

If you have any questions, please call me at (928) 283-4323. Thank you for your business.

Sincerely,

Carol S. Yazzie-Ward
President

Enclosure

ARCHAEOLOGICAL INVENTORY REPORT DOCUMENTATION PAGE (HPD JAN/91)

1. HPD REPORT NO. 2.	(FOR HPD USE ONLY)	3. RECIPIENTS ACCESSION NO.
4. TITLE OF REPORT:	A Cultural Resources Inventory Survey for the Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints Proposed Church Mission Site with Associated Utilities in the Vicinity of Sawmill, Apache County, Arizona	5. FIELDWORK DATE: March 28, 2009
AUTHOR: Loretta Flatrock		6. REPORT DATE: April 2, 2009
7. CONSULTANTS NAME AND ADDRESS:		8. PERMIT NO.: B09164
Gen'l Charge:	Carol S. Yazzie-Ward	
Org. Name:	CSWTA, Inc.	
Org. Address:	Post Office Box 790 Tuba City, Arizona 86045	9. CONSULTANT REPORT NO. CSWTA-ARCH-2009025
Phone:	(928) 283-4323	
10. SPONSOR NAME AND ADDRESS:		11. SPONSOR REPORT NO. NA
Ind. Responsible:	Doug Chessman	
Org. Name:		
Org. Address:	830 E. 2 nd Ave Mesa, Arizona 85204	12. AREA EFFECTED: 2.0 ac AREA SURVEYED: 2.73 ac
Phone:	(480) 235-2488	
13. LOCATION: (Map Attached).		
a. Chapter:	Sawmill	e. Land Status: Navajo Tribal Trust Lands
b. Agency:	Fort Defiance	f. UTM Center: Zone 12, 3972720N, 666550E
c. County:	Apache	g. Area: Sections 30 and 29 at T29N, R30E
d. State:	Arizona	h. 7.5' Map Name: Sawmill, AZ, 1982

13. REPORT /X/ OR SUMMARY (Report Attached).

- a. **Description of Undertaking:** The proposed undertaking will involve the development of missionary buildings with associated utilities within a 295.04 feet by 294.80 feet square parcel of land. The total area of potential effect equals 86,978 square feet or 2.0 acres. Ground disturbance is expected to be intensive and extensive from the use of heavy equipment. The Church of Jesus Christ of Latter-day Saints is in the process of mission site lease approval through BIA.
- b. **Existing Data Review:** A check of Navajo Nation Historic Preservation Department (NNHPD) site files indicated that no sites were previously recorded within 300 feet of the project area. Six projects were previously reported: #HPD 03-139, #HPD 05-628, #HPD 04-033, #HPD03-877, #HPD 99-311 and #HPD 89-131.
- c. **Area Environmental and Cultural Setting:** The project area is situated at an elevation of 7,620 feet above mean sea level. The proposed mission site is on a 2.0-acre parcel of disturbed land, which has a foundation of a church and shed. Vegetation consists of sagebrush, blue grama and sand drop seed. The nearest water resources are Tohnaichai Spring to the southwest and unnamed drainage to the east. The contemporary cultural setting is modern Navajo. The prehistoric use was Anasazi.

- d. **Field Methods:** Loretta Flatrock and Carol S. Yazzie-Ward walked subparallel transects spaced 10-12 meters apart to survey for cultural resources. The survey included a buffer zone of 50 feet around the perimeter of the church mission site. The total area surveyed equaled 118,970 square feet or 2.73 acres. Mr. Cheesman was interviewed for Traditional Cultural Properties.

14. **CULTURAL RESOURCES FINDINGS:**

- a. **Location/Identification of Each Resource:** No cultural resources were inventoried and no Traditional Cultural Properties were reported.

- b. **Evaluation of Significance of Each Resource:** No significant findings were made.

16. **MANAGEMENT SUMMARY (Recommendations):** Archaeological clearance is recommended for the proposed church mission site with associated utilities.

17. **CERTIFICATION:** Signature: Carol S. Yazzie-Ward Date: 04/03/09
General Charge Name: Carol S. Yazzie-Ward
Signature: Carol S. Yazzie-Ward for Date: 04/03/09
Direct Charge Name: Loretta Flatrock

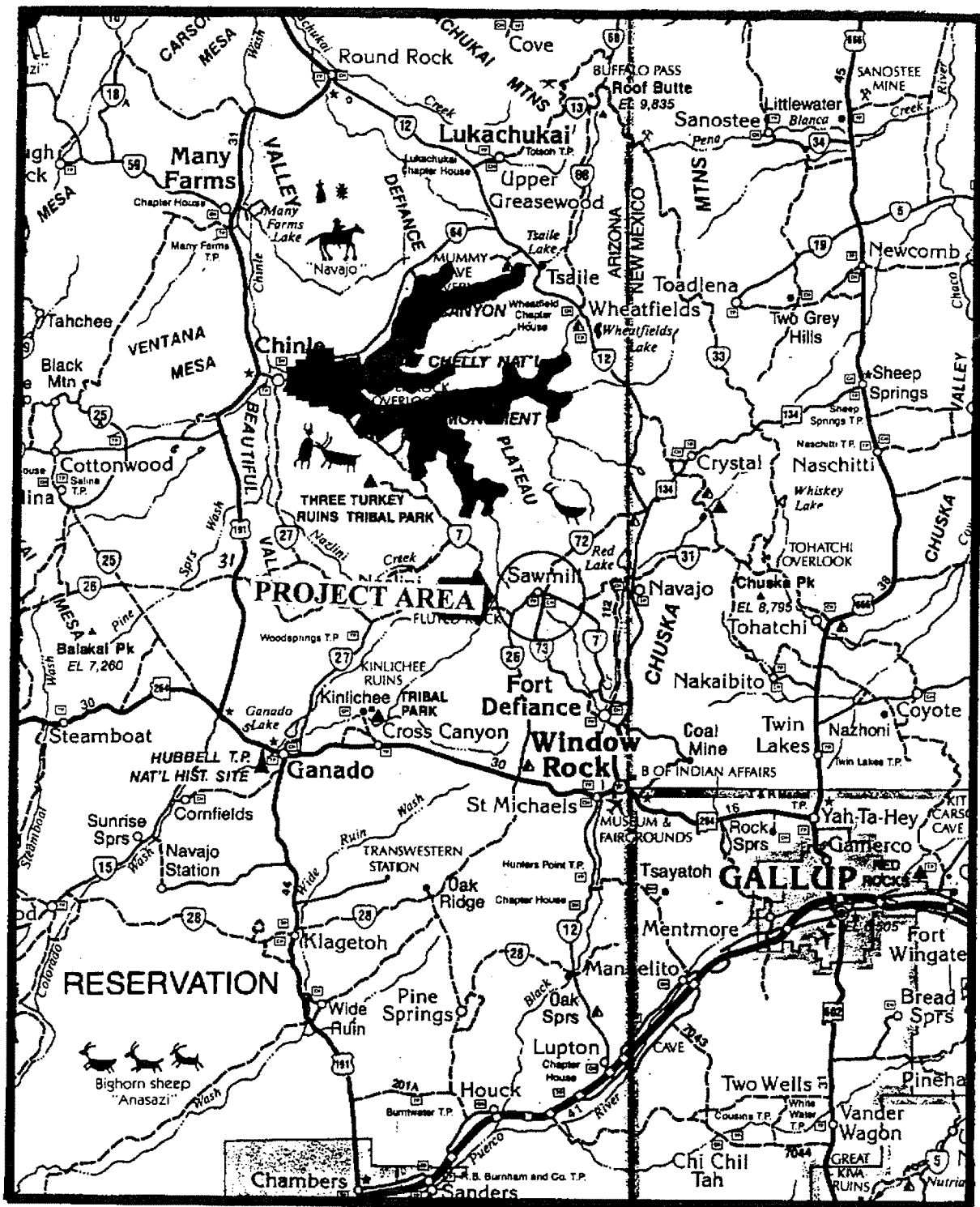


Figure 1. General project area on Navajo Tribal Trust Lands, Sawmill Chapter, Fort Defiance Agency, Apache County, Arizona.

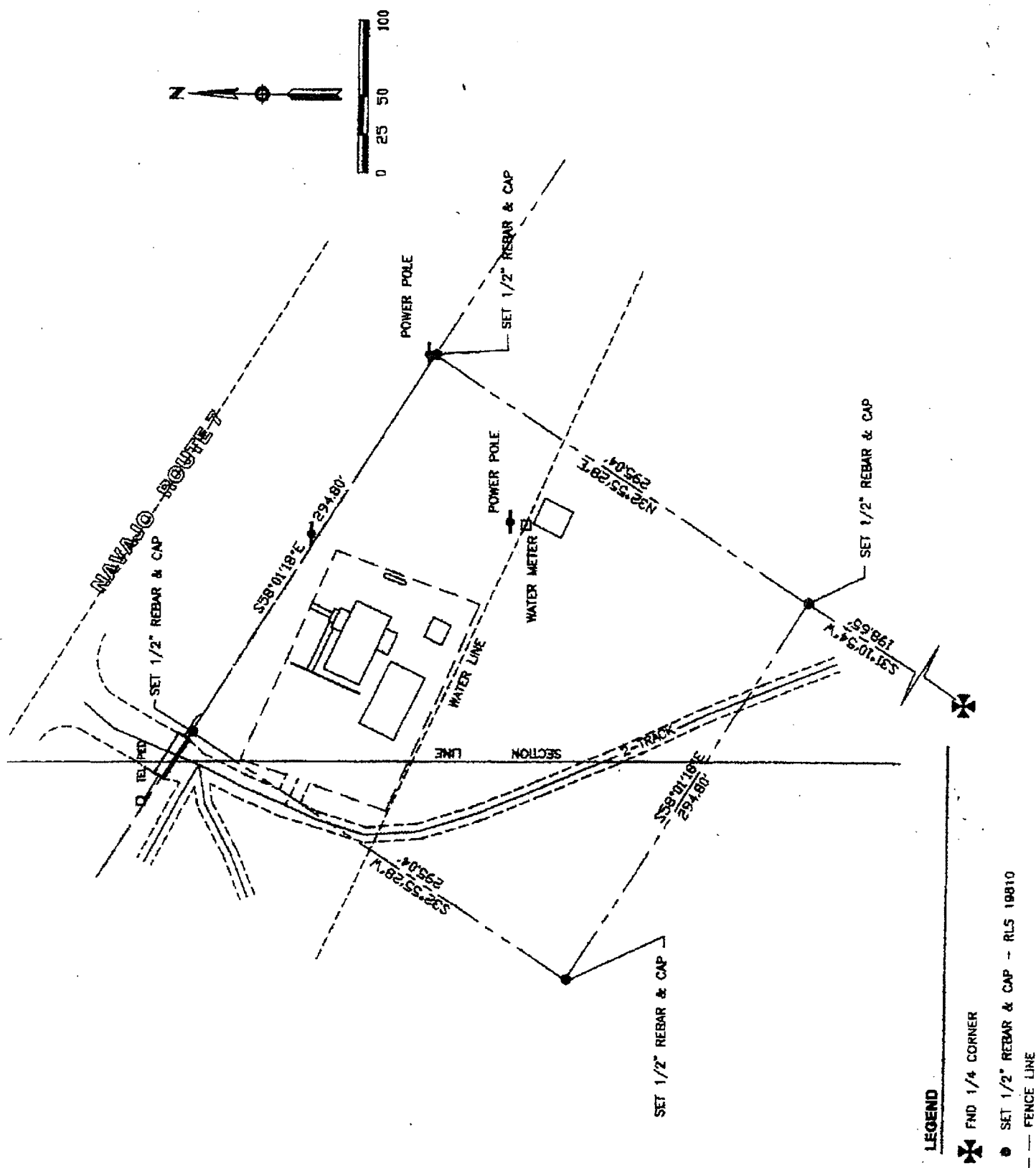


Figure 3. The Church of Jesus Christ of Latter-day Saints church mission site on 2.0 acres.