



Phase I Environmental Site Assessment

**Nature's Medicines
2935 East Frontage Road
Amado, Arizona 85645**

Prepared for:

**Mr. Mark Doerflein
Amado 100, LLC
4610 South 33rd Street
Phoenix, Arizona 85040**

October 4, 2023

Project 31126

**AAI Start Date: August 31, 2023
AAI Expiration Date: February 27, 2024**





GEOTECHNICAL ENGINEERING • ENVIRONMENTAL CONSULTING • CONSTRUCTION TESTING & OBSERVATION

October 4, 2023

Project 31126

Mr. Mark Doerflein
Amado 100, LLC
4610 South 33rd Street
Phoenix, Arizona 85040

**Re: Phase I Environmental Site Assessment
Nature's Medicines
2935 East Frontage Road
Amado, Arizona 85645**

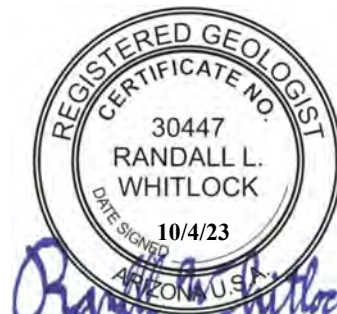
This is our Phase I Environmental Site Assessment (ESA) on the above-referenced subject property. This assessment was performed in conformance with the scope and limitations of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Please present any questions or comments regarding the content of this report to us directly.

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 I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully submitted,

VANN ENGINEERING, INC.



Randall Whitlock, M.S., R.G.
Project Geologist, Environmental Services

Copies: Via e-mail only to mark@makconst.com

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SECTION I

EXECUTIVE SUMMARY

We have performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-21 of the Nature's Medicines facility at 2935 East Frontage Road in rural Amado, Arizona 85645 (the subject property). Any exceptions to, or deletions from, this practice are described at §1.1 of this report. This ESA includes a Tier 1 Vapor Encroachment Screen performed in conformance with ASTM E2600-15.

This assessment has revealed no recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, de minimis conditions or significant data gaps in connection with the subject property.

The northwest half of the subject property is seen to be partially cleared for pasture while its southeast half is seen to be native desert in the 1935 aerial photograph. Arizona Department of Water Resources records indicate a well was drilled by 1939. Although Assessor's online information gives a construction year of 1931, the White House and small house were likely built in the late 1930s. Trails are drawn across the northeast corner of the subject property in the 1939 and 1943 USGS maps, but the houses are not plotted. The two houses are visible in the 1949 aerial photograph. Much of the subject property reverted to desert vegetation by 1956 though a southwest-northeast trail or landing strip is seen across the subject property. The ranch house and its well on the east portion of the subject property were built in 1978. There was a triangular agricultural field (apparently a vineyard) northwest of the White House in the late 1990s and early 2000s. Most of the subject property was graded and the first two greenhouses were built in 2014. The third greenhouse was built in 2016. A new well was drilled and its water system was built in 2017. The subject property has been used to grow cannabis since 2014. The cannabis processing activities began after 2016. Growing ceased earlier in 2023 and Nature's Medicines is in the process of moving to a new location. Limited processing of finished product is still being performed on the subject property.

A site reconnaissance of the subject property and vicinity on September 5, 2023 by Randall Whitlock revealed no evidence of recognized environmental conditions in connection with the subject property. Numerous drums and other containers of isopropyl alcohol and n-heptane are stored on the subject property, but were seen to be safely stored on concrete with no indications of leaks or spills.

A review of regulatory agency lists and databases in the EDR Radius Map Report dated August 31, 2023 revealed no facilities that may have adversely affected the subject property. The subject property's Aquifer Protection Permit and the closed Notices of Violation related to it and development of the new well system are noted. The subject property is registered as RCRA generator of hazardous waste, presumably for upcoming disposal of used solvents.

Our Tier 1 Vapor Encroachment Screen has revealed that a Vapor Encroachment Condition is unlikely to exist at the subject property.



We make the following recommendations:

- The stored solvents and other chemicals on the subject property should be safely recycled or disposed of in conformance with all relevant federal, state and local regulations.
- If they are no longer to be used, the capped domestic well on the east portion of the subject property and the well south of Greenhouse 3 should be abandoned in conformance with Arizona Department of Water Resources regulations.
- There are several on-site wastewater treatment systems (septic systems) on the subject property. Used only for restrooms, these are unlikely to have adversely affected the subject property. If the systems are to continue in use, a Notice of Transfer should be prepared by a qualified professional. If the systems are no longer to be used, they should be abandoned in accordance with any guidelines from the Santa Cruz County Environmental Health department.
- Redevelopment of the subject property should consider excavation and landfill disposal of waste in the green waste burial areas on the southwest and southeast corners of the subject property.

We have no recommendations for further investigation of the subject property.



1.0 INTRODUCTION AND SCOPE OF WORK

1.1 Scope of Work

On behalf of Amado 100, LLC, we have performed a Phase I Environmental Site Assessment (ESA) of the Nature's Medicines facility at 2935 East Frontage Road in rural Amado, Arizona 85645 (the subject property). Any exceptions to, or deletions from, this practice are described at §1.1 of this report. We understand Amado 100, LLC will purchase the subject property.

This assessment has been performed in conformance with the scope and limitations of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. ASTM Practice E1527-21 incorporates the standards and practices of US EPA's "All Appropriate Inquiries" as set forth in 40 CFR Part 312. The primary purpose of the investigation was to determine if the available information indicates the possible presence of recognized environmental conditions in connection with the subject property.

This ESA does not address the non-scope considerations or other business environmental risks noted in the ASTM standard. Sampling and testing of construction materials, soils, soil vapor, air or groundwater of the subject property were not part of our investigation, though well water analyses are discussed. This ESA includes a Tier 1 Vapor Encroachment Screen performed in conformance with ASTM E2600-15.

We are not aware of any exceptions or deletions from the ASTM standard.

We encountered no data gaps that would affect our ability to identify evidence of recognized environmental conditions at the subject property.

1.2 Limitations

Our professional services have been performed using that degree of skill ordinarily exercised, under similar circumstances, by reputable environmental engineering firms practicing in this locality. No other warranty, expressed or implied, is made.

The contents of this report are intended for the sole use of the addressee(s). No other person or entity may rely on this report without the prior written consent of Vann Engineering, Inc. If any addressee notices a deviation between an actual and reported condition, we should first be contacted for review of the area of concern.

This report is valid as of its date of issuance and does not address changes that may occur afterward.

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 Location

The subject property is a single, irregularly shaped parcel on the east side of the US Interstate 19 frontage road in rural Santa Cruz County near Amado, Arizona. The subject property's street address is 2935 East Frontage Road, Amado, Arizona 85645.



The subject property's Santa Cruz County Assessor's parcel number (APN) is 111-22-006. The ranch house area on east portion of the subject property was formerly a separate parcel with APN 111-22-010, but has been merged into APN 111-22-006. Assessor's online information gives the subject property size as 17 acres.

More generally, the subject property is within the Northwest Quarter of the Southwest Quarter of Section 6, Township 20 South Range 13 East of the Gila and Salt River Base and Meridian, Santa Cruz County, Arizona.

Please refer to the included Topographic Map for the location of the subject property in relation to surrounding landmarks, and to the Plat Map in Section II for its precise location.

2.2 Geology

The subject property is within the Basin and Range province of Arizona. In this province, crustal extension by normal faulting has produced a series of short, steep mountain ranges alternating with deep basins. Over the course of time, the mountains have worn down and the basins have largely filled with alluvial sediments that can reach thicknesses of several thousand feet.

The subject property is in the valley of the Santa Cruz River, whose modern course is about one-quarter mile east. This segment of the valley is bounded on the east by the Santa Rita Mountains and on the west by the Tumacacori Mountains. There are no rock outcrops within five miles of the subject property.

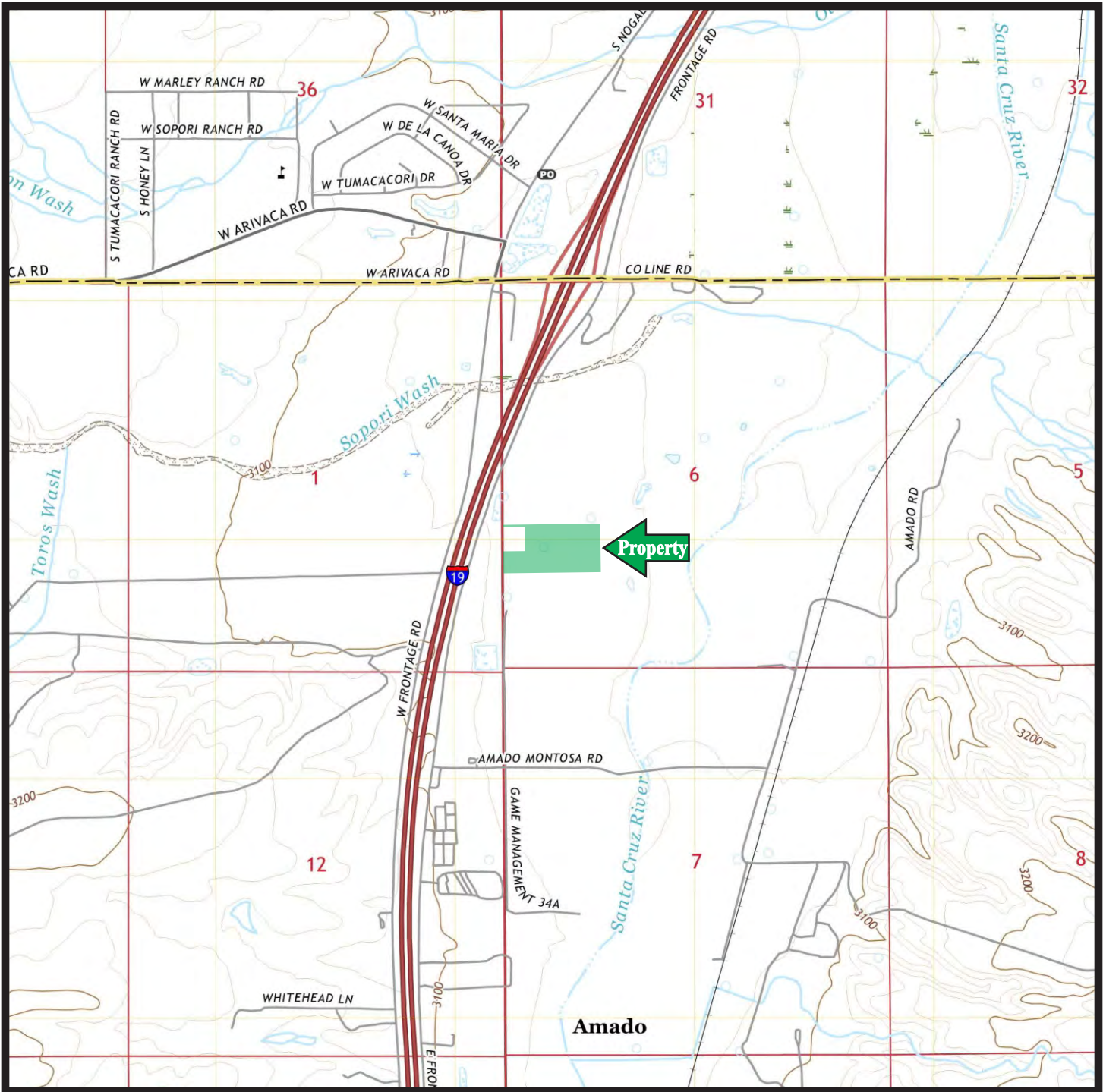
The surface soil of the subject property is sandy clay. The surface soil is underlain by basin floors sediments deposited by the ancestral Santa Cruz River system. These sediments, including layers of clay, silt, sand and gravel, are expected to be greater than 1,200 feet in thickness above crystalline basement rock similar to that exposed in the surrounding mountains.

2.3 Hydrology

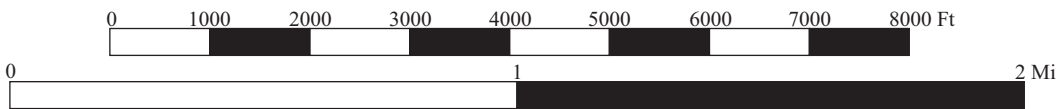
The subject property's active water well, registered with the Arizona Department of Water Resources (ADWR) as Well 55-226339, had a reported depth to water of 82 feet when it was drilled in 2017. Groundwater flow is expected to be northward, parallel to the Santa Cruz River. Details regarding the well and its registration are included in the ADWR Imaged Record reproduced in Section III. Due to the proximity of the Santa Cruz River, depth to water is expected to vary seasonally and from year to year.

According to Damien Kennedy, the current well was drilled to replace a prior well south of the southeast corner of Greenhouse 3. The prior well was described in the 2016 Phase I ESA. No "55" registration number for the well appears on the ADWR website, but it appears on the ADWR GWSI Well Information database as Site ID 314257111033401. This data matches the cadastral coordinates of the well. Measurement data indicates it was drilled in 1939. The well may still be present, concealed by pump equipment.





Topographic Map



CONTOUR INTERVAL 20 FEET



Yann Engineering, Inc.
 Project 31126
 Prepared by RW

Prepared from USGS 7.5 Minute Topographic Map:
 Amado, Arizona 2021

There is a disused domestic well on the west side of the ranch house. This is Well 55-639915, whose imaged record is also reproduced in Section III. This well had a reported depth to water of 60 feet when it was drilled in 1978. The pump has been removed and the casing has a welded cap.

2.4 Storm Water Drainage

The subject property was observed with particular attention to the means of disposal of storm water derived on the subject property. In addition, adjoining properties were observed for indications of sources of contamination that could potentially migrate to the subject property via surface storm water or other drainage.

Most storm water falling on the subject property will infiltrate its bare soil and gravel, forming puddles in low-lying areas. There are bare soil retention basins alongside the three greenhouses. These basins also receive excess irrigation and reverse osmosis water. There is a broad storm water retention basin on the northeast portion of the subject property that is also used to absorb excess irrigation water. Damien Kennedy indicated this area was formerly used to grow alfalfa as a use for the water. The subject property does not appear to receive significant amounts of storm water from adjoining properties.

According to FEMA Flood Insurance Rate Map (FIRM) Panel 04023C0035C, effective 12/2/11, most of the subject property is in Zone X, which is not a 100-year or 500-year flood zone. The northwest portion of the subject property is in Shaded Zone X, which is not a 500-year flood zone, but is a 500-year flood zone.

3.0 HISTORY

The subject property and vicinity history summarized below was developed through review of historical aerial photographs, USGS maps, ADWR records and a prior environmental study, as well as interviews via prepared questionnaires, in person and via exchange of e-mail.

Based on a review of index maps on the Library of Congress website, Sanborn fire insurance maps do not extend to the subject property. Due to its rural location, local street directories are not available.

Excerpts from historical aerial photographs and USGS maps showing the subject property and adjoining properties are reproduced in Section II.

3.1 Ownership

According to Assessor's online information, the subject property is owned by Amado Management, LLC.

The deed was not available for viewing on the Santa Cruz County Recorder's website, but the last recorded sale listed on the Assessor's website is dated June 1, 2016.



3.2 Interviews and User-Provided Information

Tabitha R. Myers, Esq., Operations Managing Counsel for AMMA Investment Group, LLC (Parent company of Amado Management LLC and Nature's Medicines) completed the Phase I ESA Owner Questionnaire reproduced in Section II on September 11, 2023. Tabitha's answers do not lead us to suspect recognized environmental conditions for the subject property. In her comments, Tabitha mentioned the subject property's Aquifer Protection Permit, the routine water sample reports from the subject property's well system and a 2017 drainage report.

Mark Doerflein of Amado 100, LLC completed the Phase I ESA User Questionnaire reproduced in Section II on September 11, 2023. Mark's answers do not lead us to suspect recognized environmental conditions for the subject property.

Site Manager Damien Kennedy guided us on our September 5, 2023 site reconnaissance and provided most of the information about stored materials and day to day operations at the subject property described below at §4.1. We also spoke with Laboratory Manager Mark Ramirez during our site reconnaissance.

3.3 Historical Subject Property Usage

The northwest half of the subject property is seen to be partially cleared for pasture while its southeast half is seen to be native desert in the 1935 aerial photograph. Arizona Department of Water Resources records indicate a well was drilled by 1939. Although Assessor's online information gives a construction year of 1931, the White House and small house were likely built in the late 1930s. Trails are drawn across the northeast corner of the subject property in the 1939 and 1943 USGS maps, but the houses are not plotted. The two houses are visible in the 1949 aerial photograph. Much of the subject property reverted to desert vegetation by 1956 though a southwest-northeast trail or landing strip is seen across the subject property. The ranch house and its well on the east portion of the subject property were built in 1978. There was a triangular agricultural field (apparently a vineyard) northwest of the White House in the late 1990s and early 2000s. Most of the subject property was graded and the first two greenhouses were built in 2014. The third greenhouse was built in 2016. A new well was drilled and its water system was built in 2017. The subject property has been used to grow cannabis since 2014. The cannabis processing activities began after 2016. Growing ceased earlier in 2023 and Nature's Medicines is in the process of moving to a new location. Limited processing of finished product is still being performed on the subject property.

3.4 Historical Adjoining Property Usage

At least one of the west adjoining rural residences was built prior to 1935 and is plotted on the 1939 USGS map. The land southwest of these residences was unimproved pasture until Amado RV & Self Storage expanded onto it in 2019 or 2020. US Interstate 19, further west, was built in the early 1960s along the course of the former US Highway 89 and subsequently widened.



The north adjoining land is seen to be cleared for pasture in the 1935 USGS map and has been used continuously as pasture and agricultural fields. The corrals adjacent to the subject property's northeast gate were constructed in the 2000s.

The east adjoining land remains native desert associated with the Santa Cruz River.

The land adjacent to the subject property's southeast corner remains native desert. The south adjoining land west of it was an agricultural field from the 1940s through the early 2000s and is currently fallow. Damien indicated the field was formerly used to grow chili peppers.

The south adjoining corrals and pastures were separated out from the former agricultural field in the 1980s. The ranchstead further south was established in the 1940s.

3.5 Prior Environmental Studies

Partner Engineering and Science, Inc. (Partner) completed a Phase I ESA of an approximately 12-acre subject site that included the west portion of the subject property on June 27, 2016. The east portion of the subject property was described as an adjoining rural residence. The subject site was described as a greenhouse complex for growing and drying medical marijuana operating under the name Lucky Horse Green House. Two greenhouses were seen to be in operation with the third greenhouse nearing completion. The two former houses, built in the 1930s, were used as administrative offices. A water well was described near the middle of the subject site near the present location of the reverse osmosis system. Materials stored on the subject site included totes of nonhazardous plant food, and chlorinizer and chlorine gas for disinfection of well water. Septic tanks were noted to be in use. No evidence of recognized environmental conditions was reported, though the subject site's agricultural history was noted. Regular quality testing of the well water system was documented, though Partner was not certain whether the system would be considered a public water system requiring such tests.

We reviewed the most recent water quality analyses from the subject property's well system, dated June 6, 2023 and August 9, 2023. The system was found to be within Arizona drinking water standards for microbial and chemical quality, though the water was noted to be "hard," i.e. high in iron and total dissolved solids.

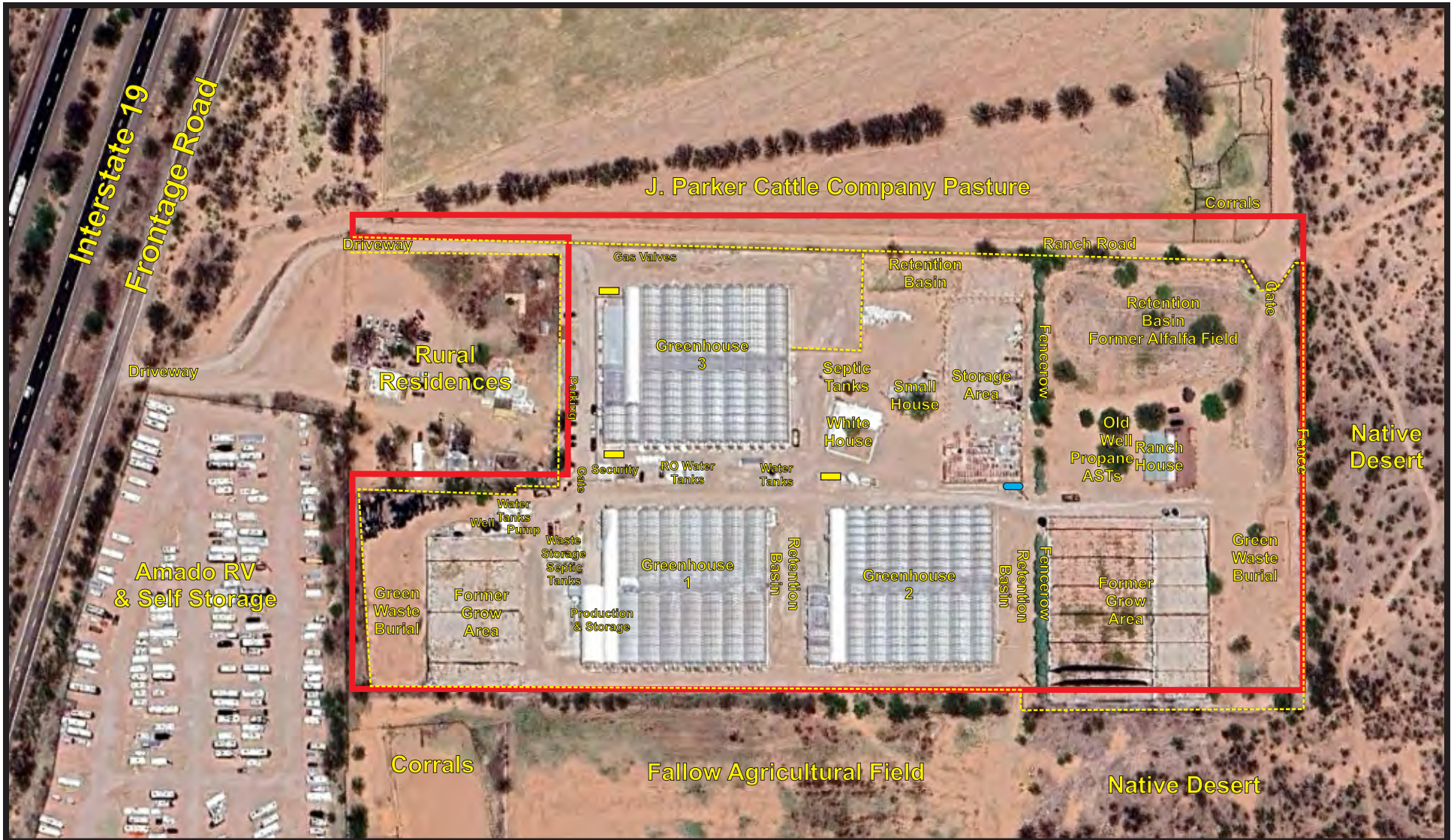
4.0 SITE RECONNAISSANCE

A site reconnaissance of the subject property and vicinity was conducted on September 5, 2023 by Randall Whitlock, guided by Site Manager Damien Kennedy. We also spoke with Laboratory Manager Mark Ramirez. The subject property was walked and all buildings were entered or observed through windows.

Please refer to the included Site Plan for the locations of described features. Color digital photographs of the subject property and adjoining properties are included in Section II.

The following observations were made in the course of our site reconnaissance:





- Key**
- Property Boundary
 - Fence
 - Generator
 - Disused Above-Ground Storage Tank



Vann Engineering, Inc.
 Project 31126
 Prepared by RW

Site Plan

Nature's Medicines
 2935 East Frontage Road
 Amado, Arizona 85645

September 5, 2023

1 In = 200 Ft +/-



Base Map
 Google Earth
 April 16, 2023

4.1 Subject Property

The subject property is bounded on most sides by chain-link fences. The subject property facility extends slightly beyond the Assessor's parcel boundary to the south, though Damian indicated this south adjoining property is also owned by the same parent company as the subject property. There is a dirt ranch road outside the north fence that serves the adjoining J. Parker Cattle Company pastures and corrals.

Access to the subject property is gained from the Interstate 19 frontage road via a curved driveway partially shared with the pasture, the adjoining rural residences and the adjoining Amado RV & Self Storage facility.

The subject property is developed with the Nature's Medicines facility. It includes three greenhouse buildings along with houses remaining from the historic ranch and rural residence.

The "White House" near the center of the subject property is a single-story house of stucco over block construction on a slab on grade with a pitched corrugated metal roof. The White House is partially surrounded by a garden wall made of concrete spread over straw bales. The building is heated and cooled with an electric heat pump against one wall. This building has been used in recent years for offices and communications equipment. Most of the office space is now unoccupied. There is a flammables cabinet outside one wall that is used to store empty gasoline cans.

There is a smaller house of similar construction northeast of the White House. This building is cooled with a window-mounted air conditioner. This building serves as Damien's office and laboratory. There is a liquid chromatography machine in the laboratory for quality control tests. There are jugs of alcohol and other supplies in a flammables cabinet. Safety data sheets for chemicals used on the subject property are kept in a wall display.

There is a ranch house on the east portion of the subject property, also used for administrative and engineering offices. It is of red masonry block construction on slabs on grade with a pitched corrugated metal roof. It is cooled with wall-mounted electric air conditioners. The inactive kitchen stove was formerly fueled with propane but the two propane above-ground storage tanks (ASTs) are empty and have been disconnected from the piping. There is a partially fenced gravel-landscaped lawn on the east side of the house.

The three greenhouse buildings are of masonry block and metal frame construction on slabs on grade with translucent polymer roofs and sidewalls. The greenhouses are cooled by broad evaporative coolers built into their walls. Personnel and laboratory areas are cooled with wall mounted electric "mini split" air conditioners. There are natural gas space heaters in some areas, along with supplemental lighting.

Some of the greenhouse areas have equipment for enhancing the carbon dioxide content of the interior air for maximal plant growth. The greenhouses use a sophisticated centrally controlled irrigation system. Irrigation water quality is maintained using a reverse osmosis system. Damian indicated that the reverse osmosis system is also a requirement of the facility's aquifer protection



permit. Some upgrades to the reverse osmosis system have not yet been fully installed. Drums of water conditioner including sodium chlorite and Aqua-Klean brand general cleaner are stored near the reverse osmosis equipment in the greenhouses and in the central shed for the system, located south of Greenhouse 3. The greenhouses have floor drains that discharge excess irrigation water to storm water retention basins next to them.

There are currently no crops in the greenhouses and most of the space is filled with empty growing tables. Damien indicated that at its peak of production, there were about 300 employees on the subject property but there are now only about twenty.

Greenhouse 1 includes a warehouse area for maintenance equipment and supplies used on the premises. Items stored in this area include product packaging, disused distilling and laboratory equipment, sacks of epsom salt and iron supplement, drums of new n-heptane, isopropyl alcohol and phosphoric acid; and 5-gallon jugs of liquid fertilizer. There are cylinders of propane for forklifts stored in cages outside the building.

Greenhouse 1 also includes drying areas and storage rooms for harvested cannabis, a packaging area for finished product, a quality control laboratory, an employee break room and distilling equipment for concentrating cannabinoid compounds.

Waste solvents from the concentration process, including drums of n-heptane and isopropyl alcohol and a single rail tote of n-heptane, are stored in steel prefabricated buildings with concrete floors outside the west side of Greenhouse 1. Also seen in these buildings are multiple plastic pails of once-run product. Damien explained that this material will be run through the concentrating process once more before being disposed of.

All of the drums and other containers were seen to rest on concrete, with most of them atop spill collection pallets. No indications of spills or leaks from any of the containers were physically observed.

Damien indicated all of these wastes will be disposed of as his company vacates the premises. Mark Ramirez indicated that the company is in the process of contacting companies to perform the disposal.

There are disused open grow areas west of Greenhouse 1, east of Greenhouse 2 and north of Greenhouse 2. The northeast area is now used as an equipment storage yard occupied mainly by steel grow table frames, portable ladders, empty plastic trash cans, landscaping equipment and a water spray trailer for dust control.

There are security offices in two prefabricated buildings south and west of Greenhouse 3.

The northeast portion of the subject property is a broad retention basin with irrigation sprinklers. Damien explained that this area was formerly used to grow alfalfa as a use for excess irrigation water.



There are partially excavated bare soil areas on the southeast and southwest corners of the subject property. Damien explained that green waste consisting mainly of cannabis stems is buried in these areas.

The subject property's main well is located west of the northwest corner of Greenhouse 1. This area includes above-ground water tanks and a diesel-powered pump used to boost water pressure in the event of a fire emergency. Fuel storage is limited to the pump's interior tank. No indications of diesel fuel leaks or spills were physically observed.

There is a disused domestic well just west of the ranch house. Its pump has been removed, though the electric service panel remains. The well has a welded cap.

The 2016 ESA reported a well at the location of water tanks south of the southeast corner of Greenhouse 3. We did not see the well, but it may be concealed by water pumps and other equipment. Damien did not recall whether the well has been fully abandoned or just capped.

There are three diesel emergency generators on the subject property, one for each of the three greenhouses. Fuel storage is limited to their interior tanks. No indications of leaks or spills from the generators were physically observed.

There is an above-ground storage tank (AST) mounted on a concrete pad south of the northeast storage area. Damien indicated that the AST was intended to store gasoline, but its installation was never completed. The AST is labeled "Empty" and "Notice: Not in use."

There are several above-ground water tanks on the subject property as part of the well system, the reverse osmosis system and to provide dust control water.

Drywells are vertical shafts for injection of storm water to the subsurface soils. No drywells were seen on the subject property.

Except for irrigation or reverse osmosis water in one of the retention basins, no subsidence features, pits, sumps, pools of liquid, ponds, lagoons or wastewater discharges were seen on the subject property.

No soil stains, corrosion, odors, stressed vegetation, suspect debris, or other indications of soil contamination with hazardous substances or petroleum products were physically observed on the subject property.

No fill caps, vent pipes or other evidence of underground storage tanks (USTs) were seen on the subject property.

Electricity is provided to the subject property by Unisource via several pad-mounted, three-phase and several pole-mounted Unisource transformers. Some of the transformers also bear labels from Tucson Electric Power Company. All of the transformers were seen to be in good condition with no stains or other indications of dielectric oil leaks. All installed in 2014 or later, the transformers are unlikely to contain PCBs.



Natural gas is provided to the subject property by Unisource via a service entrance and valves on the northwest portion of the subject property, just inside the fence.

There are several on-site wastewater treatment systems (septic systems) on the subject property located beneath concrete covers north of the White House and west of Greenhouse 1. There is apparently an older septic system outside the west side of the ranch house, beneath a stand of ironwood trees.

The subject property is generally free of trash and debris. Trash collection service is provided to the subject property by Waste Management via a Roll-off bin west of the White House.

4.2 Adjoining Properties

Adjoining properties are as follows:

- North - J. Parker Cattle Company pastures and corrals
- East - Native desert associated with the Santa Cruz River
- South - Native desert
 - Fallow agricultural field
 - Corrals associated with a rural residence further south
- West - Amado RV & Self Storage
 - Two rural residences
 - Vacant land and driveway along US Interstate 19 frontage road

Adjoining properties were not observed and are not suspected to be used for activities with the potential for recognized environmental conditions at the subject property.

5.0 REGULATORY AGENCY DATABASE REVIEW

5.1 EDR Report Review

An Environmental Data Resources (EDR) Radius Map Report regulatory agency database search was performed in conformance with ASTM E1527-21 on August 31, 2023. The EDR report is reproduced in Section IV. The EDR base maps place the subject property in a Tumacacori ZIP code.

The subject property appears on the Arizona Department of Environmental Quality (ADEQ) eMaps geographic information system as Amado Management, LLC and Amado Cultivation and Greenhouse at 2935 E. Frontage Road with cross-listings on the Aquifer and Enforcement databases because it has an aquifer protection permit related to its use of groundwater for



irrigation and chemical storage on the subject property. There are several Notices of Violation (NOVs) for the subject property under the groundwater and drinking water programs. All of these are closed, indicating that the issues that caused them have been resolved to the satisfaction of ADEQ.

We obtained documents related to the NOVs from the ADEQ Records Center. The 2019 Drinking Water NOV was issued in October 2019 because the subject property's new well system was built without first obtaining permits for a new public water system. After resolution to the satisfaction of ADEQ, the NOV was closed and the related consent order was terminated in 2020.

Damien Kennedy explained during our site reconnaissance that ADEQ was concerned with mineral content and other quality issues of the water used by the subject property and discharged into the retention basins. Damien indicated that the reverse osmosis system currently in use was installed to address drinking and greenhouse water quality issues.

Although not discovered in the EDR Radius Map Search, the subject property appears as a hazardous waste generator on the EPA's RCRAInfo website as Amado Management, LLC at the southeast corner of Frontage Road and Arivaca Road, along with personnel contact information listing the mailing address of 2935 E. Frontage Road. The subject property's EPA ID Number is AZR000521419. The RCRAInfo page does not include specific wastes or quantities, waste codes or NAICS codes for the facility. Given the lack of these details, we presume this is a new RCRA registration for the upcoming disposal of solvents and wastes during closure of the facility. The RCRAInfo Facility sheet captured from the EPA website is reproduced in Section III.

No other facilities are reported on the EDR report within the relevant ASTM approximate minimum search distances.

The EDR report lists two unmapped "orphan" sites for which the EDR geocoding system did not have adequate location information. The locations of orphan sites are generally understandable to a reviewer familiar with local geography and history. Both sites are several miles from the subject property.

5.2 State and Local Agency Contacts

We contacted the Tubac Fire District via the contact form on their website at <https://www.tubacfiredistrict.org/contact/> to inquire if there have been hazardous materials incidents or other calls of environmental interest to the subject property.

Captain John Conger replied by e-mail on September 8, 2023, "Tubac Fire has no record of any hazardous materials incident that would effect the soil in that area."

We visited the ADEQ "Megasearch" engine at <https://megasearch.azdeq.gov/megasearch/> to request documents regarding the subject property's aquifer protection permit and notices of violation. Information returned by this contact is discussed above at §5.1.



We accessed the Santa Cruz County Environmental Health “Laserfiche” search engine at <https://sccdocs.santacruzcounty.us/ENV/CustomSearch.aspx?SearchName=SepticandWaterWells&repo=EnvironmentalHealth&cr=1> on September 12, 2023. No registrations were returned for the subject property’s septic systems. No hazardous materials permits were found in the system. The search engine appears to be new and its databases may not yet be fully populated.

5.3 Environmental Liens and Activity and Use Limitations

ADEQ maintains a registry of properties in Arizona that have undergone remediation, completed remediation, or filed a Voluntary Environmental Mitigation Use Restriction (VEMUR) or a Declaration of Environmental Use Restriction (DEUR). Both are recorded activity and use limitations (AUL) required to be filed by a property owner who elects to use an institutional (i.e., administrative) control or engineering (i.e., physical) control as a means to meet remediation goals. (The DEUR replaced the VEMUR on 7/18/00.) The ADEQ Remediation and DEUR Tracking System is a control registry that records federal AUL as well as those administered at the county and state level.

We queried the ADEQ Remediation and DEUR Tracking System at https://legacy.azdeq.gov/databases/deursearch_drupal.html on September 12, 2023. There are no listings for the subject property. The DEUR layer of the ADEQ eMaps geographic information system, updated September 6, 2023, plots no DEUR near the subject property.

6.0 TIER 1 VAPOR ENCROACHMENT SCREEN

Our ESA included a Tier 1 Vapor Encroachment Screen (VES) performed in conformance with the scope and limitations of ASTM E2600-15, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. The purpose of the VES was to determine if a vapor encroachment condition (VEC) exists at the subject property.

This Tier 1 VES was performed through a review of historical uses of the subject property and adjoining properties, observations of the subject property and adjoining properties during our site reconnaissance, and through a review of the EDR Radius Map Report and other regulatory sources.

The subject property has been occupied by rural residences, pastures and a greenhouse complex with cannabis processing. The solvents n-heptane and isopropyl alcohol stored in drums, jugs and one rail tote on the subject property are chemicals of concern (COC) for VEC. These COCs, however, are stored above ground on concrete floors and spill pallets, so they are unlikely to have caused VEC.

Adjoining and nearby properties have been native desert, agricultural fields, corrals, rural residences, RV storage and pasture. Significant quantities of COC are unlikely to have been used or stored on adjoining or nearby properties

The EDR report notes no COC within the area of concern of one-third mile around the property for non-petroleum COC and one-tenth mile for petroleum COC.



Our Tier 1 VES has revealed that a VEC is unlikely to exist for the subject property.

7.0 FINDINGS AND OPINIONS

The northwest half of the subject property is seen to be partially cleared for pasture while its southeast half is seen to be native desert in the 1935 aerial photograph. Arizona Department of Water Resources records indicate a well was drilled by 1939. Although Assessor's online information gives a construction year of 1931, the White House and small house were likely built in the late 1930s. Trails are drawn across the northeast corner of the subject property in the 1939 and 1943 USGS maps, but the houses are not plotted. The two houses are visible in the 1949 aerial photograph. Much of the subject property reverted to desert vegetation by 1956 though a southwest-northeast trail or landing strip is seen across the subject property. The ranch house and its well on the east portion of the subject property were built in 1978. There was a triangular agricultural field (apparently a vineyard) northwest of the White House in the late 1990s and early 2000s. Most of the subject property was graded and the first two greenhouses were built in 2014. The third greenhouse was built in 2016. A new well was drilled and its water system was built in 2017. The subject property has been used to grow cannabis since 2014. The cannabis processing activities began after 2016. Growing ceased earlier in 2023 and Nature's Medicines is in the process of moving to a new location. Limited processing of finished product is still being performed on the subject property.

A site reconnaissance of the subject property and vicinity on September 5, 2023 by Randall Whitlock revealed no evidence of recognized environmental conditions in connection with the subject property. Numerous drums and other containers of isopropyl alcohol and n-heptane are stored on the subject property, but were seen to be safely stored on concrete with no indications of leaks or spills.

A review of regulatory agency lists and databases in the EDR Radius Map Report dated August 31, 2023 revealed no facilities that may have adversely affected the subject property. The subject property's Aquifer Protection Permit and the closed Notices of Violation related to it and development of the new well system are noted. The subject property is registered as RCRA generator of hazardous waste, presumably for upcoming disposal of used solvents.

8.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-21 of the Nature's Medicines facility at 2935 East Frontage Road in rural Amado, Arizona 85645 (the subject property). Any exceptions to, or deletions from, this practice are described at §1.1 of this report. This ESA includes a Tier 1 Vapor Encroachment Screen performed in conformance with ASTM E2600-15.

This assessment has revealed no recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, de minimis conditions or significant data gaps in connection with the subject property.



Our Tier 1 Vapor Encroachment Screen has revealed that a Vapor Encroachment Condition is unlikely to exist at the subject property.

We make the following recommendations:

- The stored solvents and other chemicals on the subject property should be safely recycled or disposed of in conformance with all relevant federal, state and local regulations.
- If they are no longer to be used, the capped domestic well on the east portion of the subject property and the well south of Greenhouse 3 should be abandoned in conformance with Arizona Department of Water Resources regulations.
- There are several on-site wastewater treatment systems (septic systems) on the subject property. Used only for restrooms, these are unlikely to have adversely affected the subject property. If the systems are to continue in use, a Notice of Transfer should be prepared by a qualified professional. If the systems are no longer to be used, they should be abandoned in accordance with any guidelines from the Santa Cruz County Environmental Health department.
- Redevelopment of the subject property should consider excavation and landfill disposal of waste in the green waste burial areas on the southwest and southeast corners of the subject property.

We have no recommendations for further investigation of the subject property.

9.0 REFERENCES

9.1 Location

United States Geological Survey
Amado, Arizona Quadrangle
7.5 Minute Series 2021

Santa Cruz County Assessor Parcel Map 111-22

Santa Cruz County Assessor Parcel Search
<https://sccaz-gis.maps.arcgis.com/apps/webappviewer/index.html>

9.2 Geology

Geologic Map of Pima and Santa Cruz Counties, Arizona
Arizona Bureau of Mines, 1960

Nations, D. and E. Stump
Geology of Arizona, Kendall-Hunt Publishing, 1981

Kamilli, Robert and Stephen M. Richard, Geologic Highway Map of Arizona
Arizona Geological Society and Arizona Geological Survey, 1998



United States Geological Survey MapView, <https://ngmdb.usgs.gov/maps/mapview/>

9.3 Hydrology

Hammett, B.A. and J.W. Sicard, Groundwater Conditions in the Santa Cruz and Tucson Active Management Areas, Arizona Department of Water Resources Open-File Report #8, 1995

Arizona Water Atlas, Volume 8: Active Management Area Planning Area
Arizona Department of Water Resources, April 2010

Arizona Department of Water Resources
Registry of Wells in Arizona (Wells 55)
<https://azwatermaps.azwater.gov/wellreg>

9.4 Surface Water Drainage

FEMA Flood Insurance Rate Map Panel 04023C0035C, 12/2/11
FEMA Flood Map Service Center, <https://msc.fema.gov/portal/home>

9.5 History

US Department of Agriculture Aerial Surveys
Arizona State University Map & Geospatial Hub
<https://lib.asu.edu/geo/imagery>, Aerial Photographs Dated:

1935	3/28/49	2/20/54
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United States Geological Survey, Tubac, Arizona Quadrangle
15 Minute Series Dated:

1939	1943	1957
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United States Geological Survey “EarthExplorer”
<https://earthexplorer.usgs.gov/>, Aerial Photographs Dated:

2/26/56	6/16/70	5/27/75	10/14/77
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Historical Aerials by NETR Online, <https://www.historicaerials.com/>
Aerial Photographs Dated:

1958	1967	1975	1983	1984
1992	1996	2003	2005	2007
2010	2013	2015	2017	2019

United States Geological Survey, Amado, Arizona Quadrangle
7.5 Minute Series Dated:

1981	2004	2012	2011	2014
2018	2021			



United States Geological Survey
Amado, Arizona Orthophotoquad, 1973

Google Earth, Aerial Photographs Dated:

12/30/85	4/25/92	9/4/92	9/30/96	10/1/96
8/2/04	8/26/06	6/7/07	3/16/10	6/4/10
6/11/11	2/1/14	12/9/14	3/19/15	3/25/15
8/18/15	1/1/16	10/25/16	5/30/17	1/24/18
4/22/18	9/26/18	1/18/20	1/8/21	3/30/22
4/5/22	1/18/23	4/16/23		

9.6 Contacts

Mark Doerflein, Amado 100 LLC (602-793-6410; mark@makconst.com)
Tabitha R. Myers, Esq, AMMA Investment Group, LLC
(480-205-6399; tabitham@ammallc.com)
Damien Kennedy, Nature’s Medicines (520-245-9453)
Mark Ramirez, Nature’s Medicines (520-988-5372)
Jesus Barreras, ADEQ (602-771-4411; barreras.jesus@azdeq.gov)
John Conger, Tubac Fire District (520-398-2255; jconger@tubacfire.org)

9.7 Prior Environmental Studies

Phase I Environmental Site Assessment: Amado Greenhouse
2935 East Frontage Road, Amado, Arizona 85645
Partner Engineering and Science, Inc. Project 16-164074.1, June 27, 2016

Microbial Report, Complete Analytical Services, June 6, 2023

Laboratory Report, IAS Laboratories, August 9, 2023

10.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

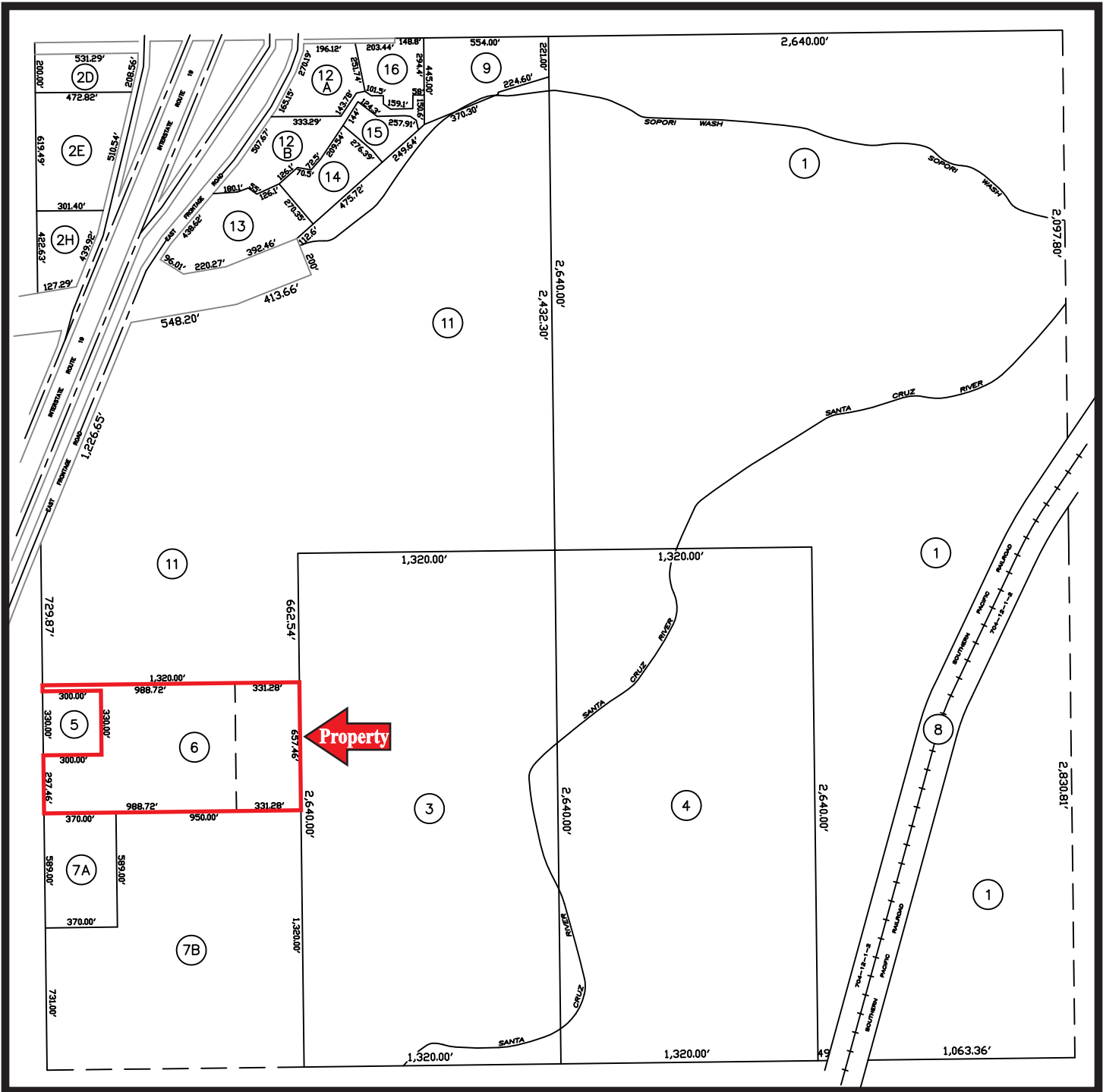
Vann Engineering, Inc. (www.vannengineering.com), formerly Foree & Vann, Inc., has provided Phase I Environmental Site Assessments in this locality since 1986.

This assessment was performed by Project Geologist Randall Whitlock, who has a Master of Science degree in Geology and is a Registered Geologist in the state of Arizona (Certificate No. 30447). Randall has completed more than three thousand Phase I Environmental Site Assessments and other environmental studies since 1991.

The report was reviewed by Environmental Services Department Manager Stanley G. O’Sick, who also participated in the site reconnaissance. Stan has an Associate of Science degree in Chemistry and a Bachelor of Science degree in Engineering and is a Registered Professional Engineer (Civil) in the state of Arizona (Certificate No. 26867). Stan has prepared and reviewed Phase I Environmental Site Assessments since 1990.



SECTION II



Plat Map

Section 6, T20S R13E



Vann Engineering, Inc.
 Project 31126
 Prepared by RW

Prepared from Santa Cruz County Assessor's Map 111-22

Phase I Environmental Site Assessment Owner Questionnaire

These questions, to be answered by the property owner or owner's agent, are required by ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. (All answers are to the best of your knowledge.)

1. Are you aware of any uses or conditions, past or present, which may have resulted in contamination of the soils or groundwater of the property with hazardous substances or petroleum products?

Yes No Do Not Know

2. Are you aware of any pending, threatened or past litigation, administrative proceedings, or notices from any governmental entity regarding hazardous substances or petroleum products in, on or from the property?


Yes No Do Not Know

3. Are you aware of any permits, registrations, or reports (prior ESA, soils report, hydrology study, risk assessment, etc.) on the property?

Yes No Do Not Know

Comments: See Schedule A for details related to Question 3.

Person Responding to Questionnaire:

Signature: 

Printed Name: Tabitha R. Myers

Representing: AMMA Investment Group, LLC

Date: 9.11.23



**PHASE I ENVIRONMENTAL SITE ASSESSMENT OWNER QUESTIONNAIRE
COMMENTS**

QUESTION 3: Are you aware of any permits, registrations, or reports (prior ESA, soils report, hydrology study, risk assessment, etc.) on the Property?

PERMITS

- State of Arizona Aquifer Protection Permit No. P-513099, Place ID 182819, LTF 81982

REGISTRATIONS

REPORTS (PRIOR ESA, SOILS REPORT, HYDROLOGY, RISK ASSESSMENT, ETC.)

- IAS Laboratories Water Sample Report dated January 28, 2021
- Dibble Engineering Final Drainage Report dated October 2017
- Complete Analytical Services Water Sample Report dated June 7, 2023
- IAS Laboratories Water Sample Report, dated August 9, 2023

Phase I Environmental Site Assessment User Questionnaire

The following questions, to be answered by the User of the Phase I Environmental Site Assessment, are required by ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. (All answers are to the best of your knowledge.)

1. Are you aware of any environmental cleanup liens against the property that are filed under federal, tribal, state or local law?

___ Yes No ___ Do Not Know

2. Activity and Use Limitations (AULs) include engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state or local law. In Arizona, an AUL is most often in the form of a Voluntary Environment Mitigation Use Restriction (VEMUR) or Declaration of Environmental Use Restriction (DEUR). These are filed to prevent properties with known contamination issues from being redeveloped with sensitive uses, such as homes or schools.

Are you aware of any AULs against the property?

___ Yes No ___ Do Not Know

3. As the User of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? (For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used in this type of business?)

___ Yes No ___ Do Not Know

4. Does the purchase price being paid for the property reasonably reflect its fair market value?

___ Yes ___ No Do Not Know

If there is a difference, have you considered whether the lower purchase price may be because contamination is known or believed to be present at the property?

___ Yes No ___ (Not Applicable)



Amado 100
2935 East Frontage Road
Amado, Arizona 85645
Santa Cruz County Assessor Parcel Number 111-22-006

Vann Engineering, Inc. Project 31126

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help us to identify conditions indicative of releases or threatened releases? (For example, do you know about the past uses of the property, specific chemicals that exist or once existed at the property, spills or other chemical releases that have taken place at the property, or any environmental cleanups that have taken place at the property?)

Yes No Do Not Know

6. Are you aware of any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes No Do Not Know

Comments: _____

Person Responding to Questionnaire:

Signature: _____

Printed Name: _____

Representing: _____

Date: _____



Historical Aerial Photographs and Topographic Maps



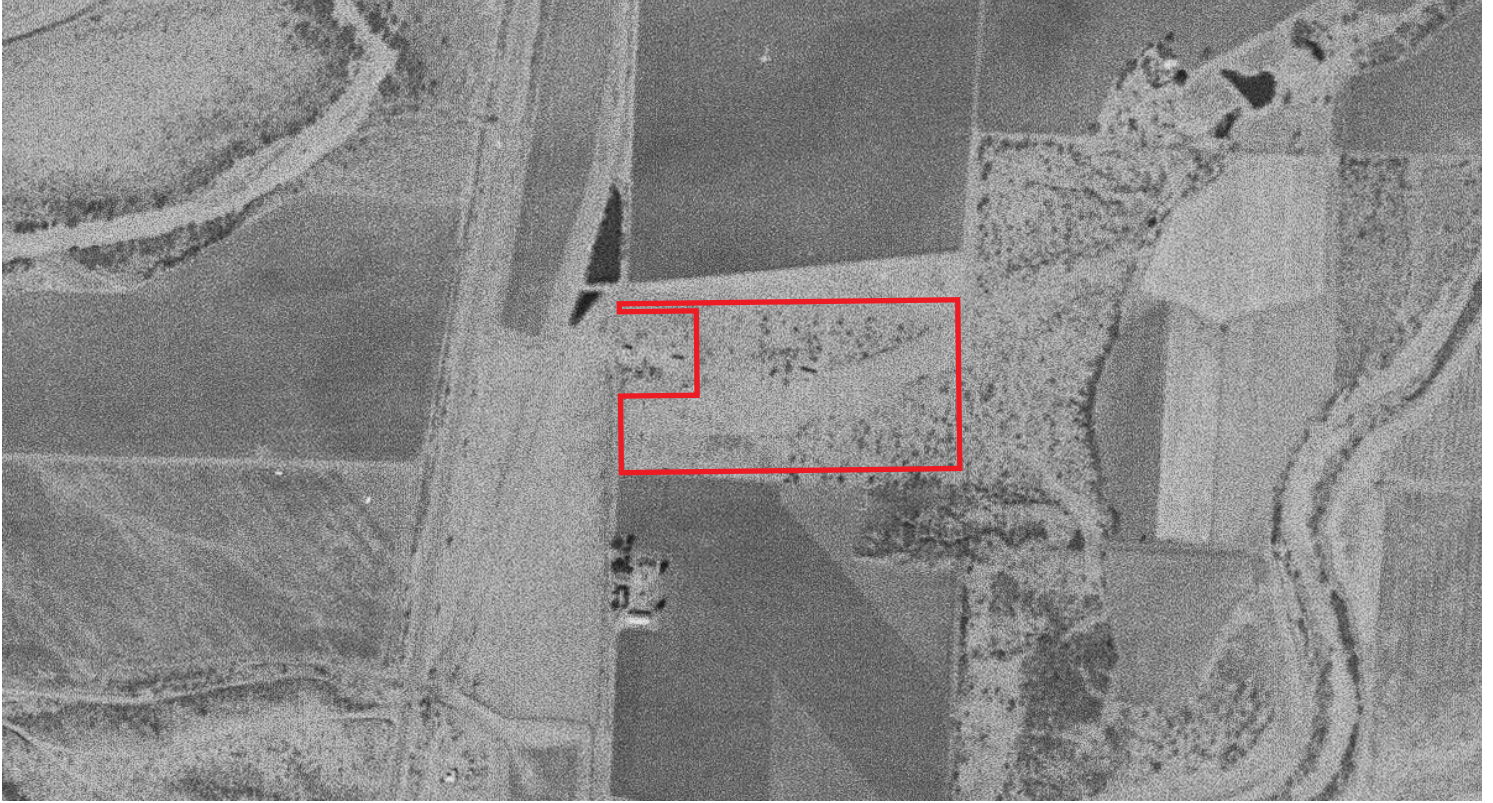
USDA 1935 Aerial Survey, ASU Map & Spatial Hub



USDA Aerial Survey 3/28/49, ASU Map & Geospatial Hub



Historical Aerial Photographs and Topographic Maps



USGS 2/26/56



ADOT Aerial Survey 8/30/59, ASU Map & Geospatial Hub



Vann Engineering, Inc.
Project 31126
Prepared by RW

Historical Aerial Photographs and Topographic Maps



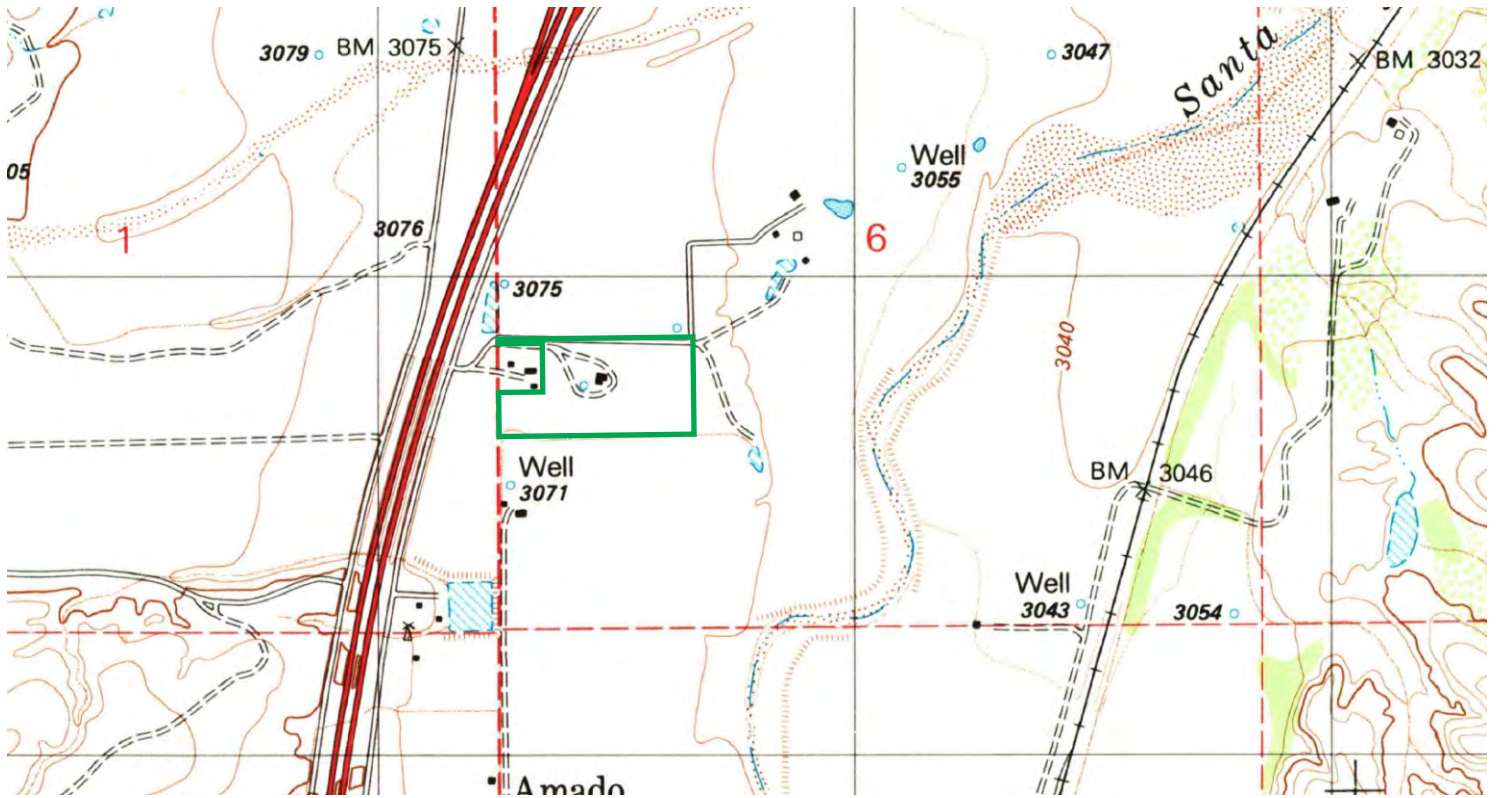
USGS 6/16/70



USGS 5/27/75



Historical Aerial Photographs and Topographic Maps



USGS Amado 7.5-Minute Quadrangle, 1981



Google Earth 9/4/92



Vann Engineering, Inc.
Project 31126
Prepared by RW

Historical Aerial Photographs and Topographic Maps



Google Earth 8/2/04



Google Earth 2/1/14



Historical Aerial Photographs and Topographic Maps



Google Earth 12/9/14



Google Earth 4/5/22





Photos 1, 2, 3 - View of the former alfalfa field on the northeast portion of the subject property, looking south, southeast and east from the gate.



Photos 4, 5, 6 - View of the subject property, looking north, northeast and east from its south fence west of Greenhouse 1.



Photos 7, 8 - View of the "White House" near the middle of the subject property, looking north and northeast.





Photo 9 - View of the water tank, emergency generator and transformers south of the White House, looking northeast.



Photo 10 - View of equipment stored on the former outdoor grow area east of the White House, looking northeast.



Photo 11 - View of the small house northeast of the White House, looking southwest.



Photo 12 - View of the interior of the small house.



Photo 13 - View of analytical equipment in the small house.



Photo 14 - View of septic tank covers north of the White House, looking north.





Photo 15 - View of the retention basin between Greenhouses 1 and 2, looking south.



Photo 16 - View of the empty above-ground storage tank northeast of Greenhouse 2, looking northeast.



Photo 17 - View of the disused open grow area on the southeast portion of the subject property, looking southeast.



Photo 18 - View of the gate at the northeast corner of the subject property, looking north.



Photo 19 - View of the ranch house on the east portion of the subject property, looking southwest.



Photo 20 - View of the green waste burial area on the east portion of the subject property, looking southeast.





Photo 21 - View of disused propane above-ground storage tanks and cylinders stored west of the ranch house, looking northeast.



Photo 22 - View of the ironwood trees west of the ranch house, suspected to be a septic tank location.



Photo 23 - View of the capped domestic well west of the ranch house.



Photo 24 - View of a greenhouse interior.

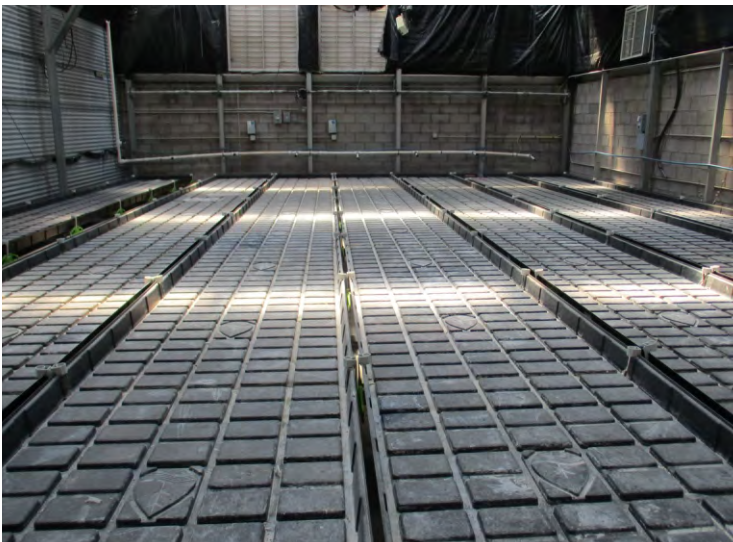


Photo 25 - View of a greenhouse interior.



Photo 26 - View of a greenhouse interior.





Photo 27 - View of the used irrigation water basin outside Greenhouse 2.



Photo 28 - View of the water well complex on the west portion of the subject property, looking west.



Photo 29 - View of the diesel-powered firefighting pump in the well complex.



Photo 30 - View of the water well on the west portion of the subject property.



Photo 31 - View of planting pots stored on the west-northwest corner of the subject property, looking west.



Photo 32 - View of the green waste burial area on the west end of the subject property, looking southwest.





Photo 33 - View of the green waste landfill on the west end of the subject property, looking north.



Photo 34 - View of the waste storage buildings and septic tank covers west of Greenhouse 1, looking northeast.



Photo 35 - View of n-heptane and isopropyl alcohol drums on spill pallets in the waste storage buildings.



Photo 36 - View of pails of once-run product on pallets in the waste storage buildings.



Photo 37 - View of the n-heptane rail tote on a spill pallet in the waste storage buildings.



Photo 38 - View of drums of phosphoric acid on spill pallets in the Greenhouse 1 warehouse.





Photo 39 - View of a pallet of jugs of plant food in the Greenhouse 1 warehouse.



Photo 40 - View of sacks of Epsom salt in the Greenhouse 1 warehouse.



Photo 41 - View of a floor drain in Greenhouse 1.



Photo 42 - View of the part of the reverse osmosis system in Greenhouse 1, along with drums of water conditioner.



Photo 43 - View of the natural gas service entrance valves west of Greenhouse 3, looking east.



Photo 44 - View of the north adjoining J. Parker Cattle Company pasture, looking north through the fence.





Photo 45 - View of the north adjoining corrals, looking north through the subject property's northeast gate.



Photo 46 - View of the west and south adjoining native desert, looking south through the fence.



Photo 47 - View of the south adjoining fallow agricultural field, looking south through the fence.



Photo 48 - View of the south adjoining corrals, looking south through the fence.



Photo 49 - View of the west adjoining Amado RV & Self Storage, looking south from the subject property's extended driveway.



Photo 50 - View of the west adjoining rural residences, looking southwest from the shared driveway.



JAN 23 2018



Arizona Department of Water Resources
Information Management Unit
PO Box 36020 • Phoenix, Arizona 85067-36020
(602) 771-8527 • 602-771-8500

Arizona Department of Water Resources

Well Driller Report and Well Log



THIS REPORT MUST BE FILED WITHIN 30 DAYS OF COMPLETING THE WELL.

PLEASE PRINT CLEARLY USING BLACK OR BLUE INK

FILE NUMBER D(20-13) 6 CBC
WELL REGISTRATION NUMBER 55 - 226339
PERMIT NUMBER (IF ISSUED)

SECTION 1. DRILLING AUTHORIZATION

Drilling Firm

Mail To: NAME MIKE'S DRILLING, LLC
ADDRESS 2064 N AVENIDA MENA
CITY / STATE / ZIP GREEN VALLEY, AZ, 85614-3777
DWR LICENSE NUMBER 798
TELEPHONE NUMBER 520-490-0399
FAX

SECTION 1. REGISTRY INFORMATION

Well Owner: AMADO MANAGEMENT, LLC
Location of Well: 2439 WEST MCDOWELL ROAD, PHOENIX, AZ, 85009
CONTACT PERSON NAME AND TITLE
METHOD OF LATITUDE/LONGITUDE (CHECK ONE)
METHOD OF ELEVATION (CHECK ONE)
*IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)
COUNTY
ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

SECTION 3. WELL CONSTRUCTION DETAILS

Drilling Method: Mud Rotary
Method of Well Development: Airlift
Method of Sealing at Reduction Points: Packed
Condition of Well: Capped
Construction Dates: 3-21-17 to 3-29-17

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

SIGNATURE OF QUALIFYING PARTY
DATE 4-14-17

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 226339

SECTION 4. WELL CONSTRUCTION DESIGN (AS BUILT) (attach additional page if needed)

Depth			
DEPTH OF BORING	300	Feet Below Land Surface	DEPTH OF COMPLETED WELL
			300
			Feet Below Land Surface

Water Level Information

STATIC WATER LEVEL	DATE MEASURED	TIME MEASURED	IF FLOWING WELL, METHOD OF FLOW REGULATION
82	3-29	5 PM	<input type="checkbox"/> Valve <input type="checkbox"/> Other: N/A
Feet Below Land Surface			

Borehole			Installed Casing														
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)					SLOT SIZE (inches)		
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE	
0	20	17 1/2	0	20	14	X					X						
20	300	12 3/4	0	200	8 5/8	X					X						
			200	300	8 5/8	X								X			7/8

Installed Annular Material

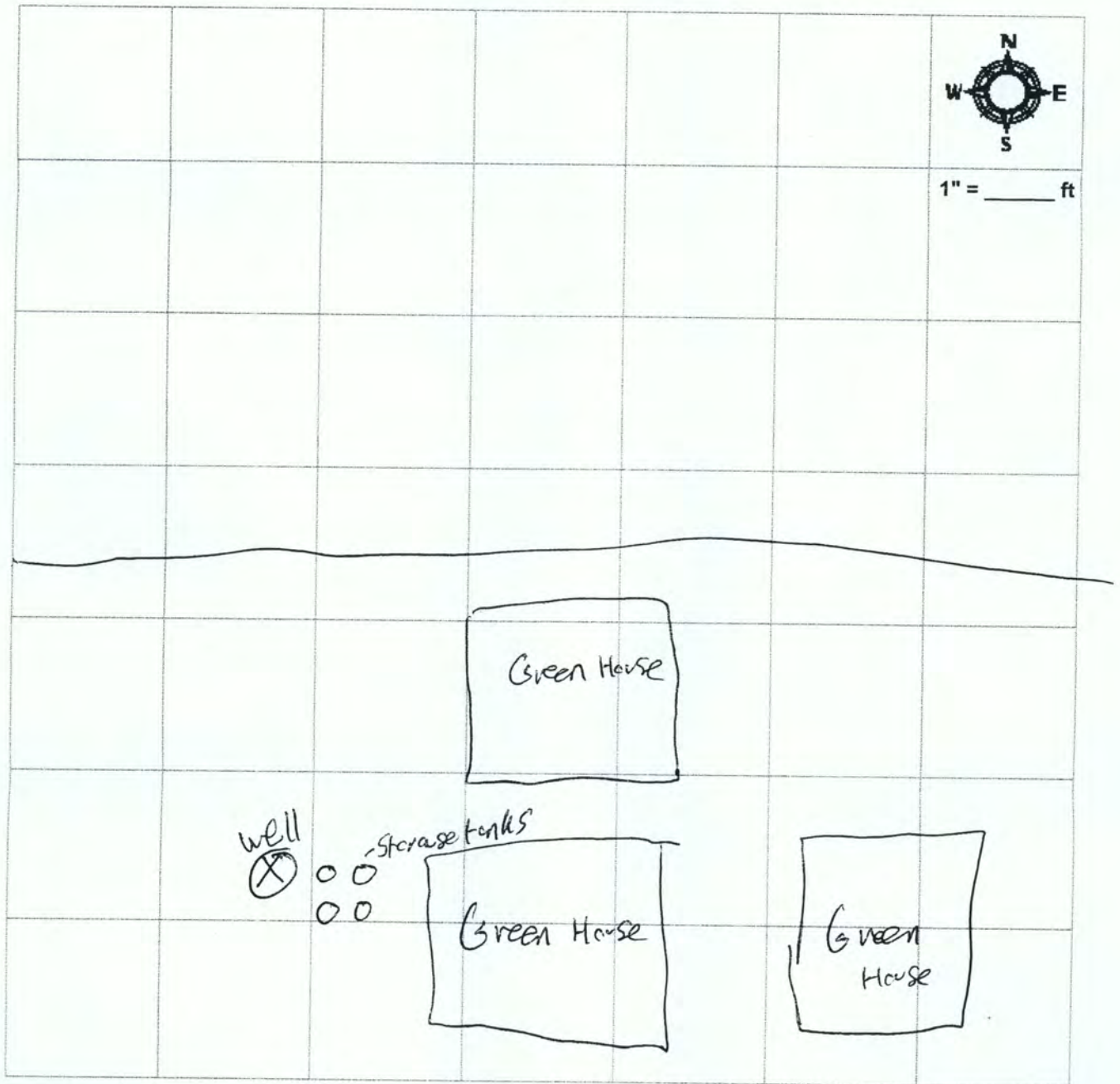
DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (T)							FILTER PACK			
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	BENTONITE			IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE
						GROUT	CHIPS	PELLETS				
0	20			X								
0	300										X	3/8

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 226339

SECTION 6. WELL SITE PLAN			
NAME OF WELL OWNER		COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)	
AMADO MANAGEMENT, LLC		BOOK 111	MAP 22 PARCEL 006

- ❖ Please draw the following: (1) the boundaries of property on which the well was located; (2) the well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well.
- ❖ Please indicate the distance between the well location and any septic tank system or sewer system.



Run Date: 09/08/2016

AZ DEPARTMENT OF WATER RESOURCES

WELL REGISTRY REPORT - WELLS55

Location D 20.0 13.0 6 C B C Well Reg.No 55 - 226339 AMA SANTA CRUZ AMA

Registered Name AMADO MANAGEMENT, LLC
 2439 WEST MCDOWELL ROAD
 PHOENIX AZ 85009
 File Type NEW WELLS (INTENTS OR APPLICATIONS)
 Application/Issue Date 08/19/2016

Owner OWNER Well Type EXEMPT
 Driller No. 798 SubBasin SANTA CRUZ AMA
 Driller Name MIKE'S DRILLING, LLC Watershed SANTA CRUZ RIVER
 Driller Phone 520-490-0399 Registered Water Uses COMMERCIAL
 County SANTA CRUZ Registered Well Uses WATER PRODUCTION
 Parcel No. 111-22-006 Discharge Method NO DISCHARGE METHOD LISTED
 Intended Capacity GPM 35.00 Power NO POWER CODE LISTED

Well Depth 0.00 Case Diam 0.00 Tested Cap 0.00
 Pump Cap. 0.00 Case Depth 0.00 CRT
 Draw Down 0.00 Water Level 0.00 Log
 Acres Irrig 0.00 Finish NO CASING CODE LISTED

Contamination Site: NO - NOT IN ANY REMEDIAL ACTION SITE

Tribe: Not in a tribal zone

Comments 2935 E. Frontage Rd., Amado
 Irrigation, stock, and domestic well 55-807376 is also located on the property. 55-226339 water use
 was corrected to commercial from stock per driller and owner. - TNV 9/8/2016

Places Of Use

D 20 0 13 0 6 C B C

Current Action

9/8/2016 555 DRILLER & OWNER PACKETS MAILED
 Action Comment: TNV

Action History

9/8/2016 900 EXEMPTION SUPPLEMENTAL FORM RECEIVED
 Action Comment: TNV
 9/8/2016 550 DRILLING AUTHORITY ISSUED
 Action Comment: TNV
 9/8/2016 205 NOI SENDBACK RECEIVED
 Action Comment: TNV
 8/23/2016 855 CHANGE OF WELL LEGAL DESCRIPTION
 Action Comment: OLD LEGAL DESC: D(20.0-13.0) 6 000 per parcel map TNV
 8/23/2016 200 NOI SENDBACK TO APPLICANT
 Action Comment: TNV
 8/19/2016 150 NOI RECEIVED FOR A NEW PRODUCTION WELL
 Action Comment: TNV

ARIZONA DEPARTMENT OF WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, Arizona 85007

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILLING OPERATIONS

WELL REGISTRATION NO: **55-226339**

AUTHORIZED DRILLER: **MIKE'S DRILLING, LLC**

LICENSE NO: **798**

NOTICE OF INTENTION TO DRILL EXEMPT WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: **AMADO MANAGEMENT, LLC 2439 WEST MCDOWELL ROAD PHOENIX, AZ, 85009**

THE WELL(S) IS/ARE TO BE LOCATED IN THE:

SW 1/4 of the NW 1/4 of the SW 1/4 Section 6 Township 20.0 SOUTH Range 13.0 EAST

NO. OF WELLS IN THIS PROJECT: **1**

ASSESSOR'S PARCEL NO: **111-22-006**

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF **August 19, 2017**

Suzanne M. Murrillo

GROUNDWATER PERMITTING AND WELLS

THE DRILLER MUST FILE A LOG OF THE WELL WITHIN 30 DAYS OF COMPLETION OF DRILLING.

NOTICE! This well is located within an Active Management Area. Pursuant to A.R.S. § 45-454(C), this well may not be drilled if, at the time well drilling commences, any portion of the land on which the well is to be drilled is within 100 feet of the operating water distribution system of a municipal provider with a designation of assured water supply as shown on the most recent digitized service area map filed by the municipal provider with the director of ADWR.



ARIZONA DEPARTMENT of WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, AZ 85007
602-771-8500
azwater.gov



September 8, 2016

AMADO MANAGEMENT, LLC
2439 WEST MCDOWELL ROAD
PHOENIX, AZ 85009

Registration No. 55- 226339
File Number: D(20-13) 6 CBC

DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

Dear Well Applicant:

Enclosed is a copy of the Notice of Intention to Drill (NOI) a well which you or your driller recently filed with the Department of Water Resources. This letter is to inform you that the Department has approved the NOI and has mailed, or made available for download, a drilling authorization card to your designated well drilling contractor. The driller may not begin drilling until he/she has received the authorization, and must keep it in their possession at the well site during drilling. Although the issuance of this drill card authorizes you to drill the proposed well under state law, the drilling of the well may be subject to restrictions or regulations imposed by other entities.

Well drilling activities must be completed within one year after the date the NOI was filed with the Department. If drilling is not completed within one year, a new NOI must be filed and authorization from this Department received before proceeding with drilling. If the well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the well must be properly abandoned and a Well Abandonment Completion Report must be filed by your driller [as required by A.A.C. R12-15-816(F)].

If you change drillers, you must notify the Department of the new driller's identity on a Request to Change Well Information (form 55-71A). Please ensure that the new driller is licensed by the Department to drill the type of well you require. A new driller may not begin drilling until he/she receives a new drilling authorization card from the Department.

If you find it necessary to change the location of the proposed well(s), you may not proceed with drilling until you file an amended NOI with the Department. An amended drilling authorization card will then be issued to the well drilling contractor, which must be in their possession before drilling begins.

Arizona statute [A.R.S. § 45-600] requires registered well owners to file a Pump Installation Completion Report (form 55-56) with the Department within 30 days after the installation of pumping equipment, if authorized. A blank report is enclosed for your convenience. State statute also requires the driller to file a complete and accurate Well Drillers Report and Well Log (form 55-55) within 30 days after completion of drilling. A blank report form was provided to your driller with the drilling authorization card. You should insist and ensure that all of the required reports are accurately completed and timely filed with the Department.

Please be advised that Arizona statute [A.R.S. § 45-593(C)] requires a registered well owner to notify the Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. Any change in well information or a request to change well driller must be filed on a Request to Change Well Information form (form 55-71A) that may be downloaded from the ADWR Internet website at www.azwater.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas Buschatzke", written over a large, stylized, looping flourish.

Groundwater Permitting and Wells Section

ARIZONA DEPARTMENT of WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, AZ 85007
602-771-8500
azwater.gov

9/8/2016

AMADO MANAGEMENT, LLC
2439 WEST MCDOWELL ROAD
PHOENIX, AZ 85009



DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

Re: Senate Bill 1190: Drilling Restriction on Exempt Wells within Active Management Areas

Dear Applicant:

The purpose of this letter is to inform you of recent amendments made to the Groundwater Code by the enactment of Senate Bill 1190. These amendments may potentially affect the well drilling authorization issued for well no. 55-226339, to be located on Assessor's Parcel No. (APN) add bmp located at add file number

Effective January 1, 2006, Arizona Revised Statute (A.R.S.) § 45-454 (C) prohibits the drilling of an exempt well (a well that has a maximum pump capacity of not more than thirty-five gallons per minute and that is used only for non-irrigation purposes) on land if any part of the land is within 100 feet of the operating water distribution system of a municipal water provider that has an assured water supply designation (designated water provider) within the boundaries of an Active Management Area (AMA) as shown on a digitized service area map provided to the Director by the municipal provider and updated by the municipal provider as specified by the Director. A.R.S. § 45-454 (D) provides that the Director shall provide an exemption from this prohibition if one of the following applies:

1. The landowner submitted a written request for service to the municipal provider that operates the distribution system and the municipal provider did not provide written verification to the landowner within thirty calendar days after receipt of the request that water service is available to the landowner after payment of any applicable fee to the municipal provider.
2. The total capital cost and fees for connecting to the operating water distribution system exceed the total capital cost and fees for drilling and fully equipping the exempt well.
3. If the applicant must obtain an easement across other land to connect to the water distribution system of the municipal provider, the applicant sent the owner of the land a request for the easement by certified mail, return receipt requested, and either the applicant did not receive a response to the request within thirty calendar days of mailing the request or the request was denied.
4. The landowner does not qualify for an exemption pursuant to paragraphs 1, 2, or 3 above and the landowner provides written verification from the municipal provider that the landowner shall not receive or request water service from the municipal provider while the exempt well is operational. The exemption for the well is revoked if the landowner or any subsequent landowner receives water service from the municipal provider. In determining whether to approve or reject an application to drill a non-exempt well under A.R.S. § 45-599, the director shall not consider any impacts the proposed non-exempt well may have on the exempt well drilled pursuant to this paragraph.

In addition, Senate Bill 1190 does not prohibit a property owner, after January 1, 2006, from drilling a replacement exempt well for an existing lawful exempt well if the replacement well does not increase the total number of operable exempt wells on the applicant's land, [A.R.S. § 45-454 (E)], or prohibit the drilling of a well for the purpose of remediating groundwater if it meets one of the following exemptions pursuant to [A.R.S. § 45-454 (F)]:

1. The remediation well is for an approved Department of Environmental Quality or United States Environmental Protection Agency remediation program.
2. A registered geologist certifies that the remediation well is for the purpose of remediation.

The proposed location of well no. 55-226339 is within the SANTA CRUZ AMA. Please be aware that under A.R.S. § 45-454(C) you may not drill well no. 55-226339 if, at the time well drilling is to commence, any part of the land on which the well is to be drilled is within 100 feet of the operating water distribution system of a designated water provider as shown on the most recent digitized service area map provided to the Director by the designated water provider, unless you apply for and are granted one of the exemptions listed above. If you drill your well in violation of A.R.S. § 45-454(C), the Department may commence an enforcement action against you in which it may seek an order requiring you to pay civil penalties and/or abandon the well.

It is your responsibility to ensure that your well is not drilled in violation of A.R.S. § 45-454(C). Therefore, you should come to the Department's offices prior to commencing well drilling to review the digitized service area maps of designated water providers on file with the Department to determine whether any part of the land on which the well is to be drilled is within 100 feet of the operating water distribution system of a designated water provider. The digitized service area maps of designated water providers will be available for review by the public at the Department's Phoenix office and in the outlying AMA offices. For security purposes, these maps may not be reproduced or electronically transferred. The Department will update the service area map of a designated water provider upon request by the provider, **so it is important you review the maps as close to the drilling date as possible.**

A current listing of designated water providers may be found at:

[http://www.azwater.gov/dwr/Content/Find by Category/Permits Forms Applications/Files/AssuredWaterSupply/UPDATED List of Designated Providers 2005.pdf](http://www.azwater.gov/dwr/Content/Find%20by%20Category/Permits%20Forms%20Applications/Files/AssuredWaterSupply/UPDATED%20List%20of%20Designated%20Providers%202005.pdf).

As stated above, if the land on which the well is to be drilled is within 100 feet of a designated water provider's operating water distribution system, the well may be drilled on or after January 1, 2006 if you apply for and are granted one of the exemptions listed above. To request an exemption, you or your well driller must file with the Department supplemental form Exempt Well Certification of Compliance with A.R.S. § 45-454(C) or Request for Exemption Pursuant to A.R.S. § 45-454(D) [form A.R.S. § 45-454(C) & (D)] or Remediation Well Certification of Compliance with A.R.S. § 45-454(C) or Request for Exemption Pursuant to A.R.S. § 45-454(F) [form A.R.S. § 45-454(C) & (F)] certifying that the exemption applies. These supplemental forms are available at all Department offices and online at:

[http://www.azwater.gov/dwr/Content/Find by Program/Wells/Well Drilling/FORMS/A.R.S. § 45-454\(C\) & \(D\).pdf](http://www.azwater.gov/dwr/Content/Find%20by%20Program/Wells/Well%20Drilling/FORMS/A.R.S.%20%245-454(C)%20%26%20(D).pdf)
[and http://www.azwater.gov/dwr/Content/Find by Program/Wells/Well Drilling/FORMS/A.R.S. § 45-454\(C\) & \(F\).pdf](http://www.azwater.gov/dwr/Content/Find%20by%20Program/Wells/Well%20Drilling/FORMS/A.R.S.%20%245-454(C)%20%26%20(F).pdf).

Upon receipt of the supplemental form, the Department will review the form and determine whether you qualify for the exemption. If the Department determines that you qualify for the exemption, it will issue the exemption authorizing the drilling of the well. If the Department determines that you do not qualify for the exemption, it will send you notice of the determination and a notice of your right to appeal the determination.

If you have any questions concerning well no. 55-226339 please contact the Notice of Intent Unit at (602) 771-8527. For additional information on Senate Bill 1190, please visit the Department's website at <http://www.azwater.gov>.



Arizona Department of Water Resources
 Groundwater Permits and Wells Section
 P.O. Box 36020 Phoenix, Arizona 85067-6020
 (602) 771-8500 • (602) 771-8690 fax
 • www.azwater.gov •

\$150 or
\$100 FEE

**Notice of Intention to
 Drill, Deepen, Replace or Modify a Well**
 (except a Non-Exempt Well in an Active Management Area)

- ❖ Review instructions prior to completing form in black or blue ink.
- ❖ You must include with your Notice:
 - Check or money order in the amount of the appropriate filing fee.
 - For a well located within an AMA or INA, the fee is \$150.00.
 - For a well not located within an AMA or INA, the fee is \$100.00 if the well will be used solely for domestic purposes (see page 2 and instructions) and will have a pump with a maximum capacity of not more than 35 gallons per minute. Otherwise, the fee is \$150.00.
- ❖ Shared wells: While Arizona water law governs how a well subject to a well sharing agreement is to be drilled and located, it DOES NOT govern the operation or management of a well sharing agreement.
- ❖ Authority for fee: A.R.S. § 45-596 and A.A.C. R12-15-104.

TO BE COMPLETED BY ADWR			FILE NUMBER
AMA/INA <i>Santa Cruz</i>	B <i>SCA</i>	SB <i>70</i>	<i>D(20-13)6CBC</i>
RECEIVED DATE <i>8/19/2016</i>	WS <i>09 SCR</i>	WELL REGISTRATION NUMBER	
ISSUED DATE <i>9/18/2016</i>	REMEDIAL ACTION SITE <i>000</i>	<i>55-226339</i>	
LEGAL REVIEW IF APP	REASONING		
<input type="checkbox"/> FILING MANUALLY <input type="checkbox"/> FILING ELECTRONICALLY (<i>drillers email required</i>)			

SECTION 1. COUNTY OR LOCAL HEALTH AUTHORITY APPROVAL (if applicable)

If water from the proposed well will be used for domestic purposes on a parcel of land of 5 or fewer acres, the applicable county or local health authority must endorse all items in Section 1 within one year before submission to the Department of Water Resources. You must also attach a site plan (pg. 3).

CHECK ONE

County or Local Health Authority Recommends Approval (pursuant to A.R.S. § 45-596 (G) and (F))

Field Inspection Performed
 Site Plan Review Only

Insufficient Information to Make a Determination – If checked, please submit supplemental form A.R.S. § 45-596 (G) and (F).

COUNTY OR LOCAL AUTHORITY NAME AND TITLE

TELEPHONE NUMBER DATE

Official County or Local Seal or Stamp

COUNTY OR LOCAL AUTHORITY SIGNATURE

SECTION 2. REGISTRY INFORMATION

To determine the place of water use and location of well, please refer to the Well Registry Maps and Google Earth at: (<https://gisweb.azwater.gov/WellRegistry/Default.aspx>) and (<http://www.earthpoint.us/townships.aspx>)

Well Type	Proposed Action	Location of Well		
CHECK ONE	CHECK ONE	WELL LOCATION ADDRESS (IF ANY)	COUNTY WHERE WELL IS LOCATED:	
<input checked="" type="checkbox"/> Exempt (Pump has a maximum capacity of not more than 35 gpm and water is not used for irrigation purposes inside an AMA.) <i>(See instructions)</i>	<input checked="" type="checkbox"/> Drill New Well <input type="checkbox"/> Deepen <input type="checkbox"/> Replace <input type="checkbox"/> Modify If Deepening, Replacing or Modifying: ORIGINAL WELL REGISTRATION NUMBER <i>55 -</i> MAXIMUM CAPACITY OF ORIGINAL WELL Gallons Per Minute	<i>2935 E Frontage Rd</i>	<i>Santa Cruz</i>	
<input type="checkbox"/> Non-Exempt (Pump has a maximum capacity of more than 35 gpm and the well is located outside an AMA.) <i>(See instructions)</i>	DISTANCE & DIRECTION FROM ORIGINAL WELL Feet	TOWNSHIP (N/S) <i>20S</i>	RANGE (E/W) <i>13E</i>	SECTION <i>6</i>
DESIGN PUMP CAPACITY <i>35</i> Gallons Per Minute		160 ACRE <i>SW 1/4</i>	40 ACRE <i>NW 1/4</i>	10 ACRE <i>SW 1/4</i>
		COUNTY ASSESSOR'S PARCEL ID NUMBER	BOOK <i>111</i>	MAP <i>22</i>
			PARCEL <i>006</i>	# OF ACRES <i>12</i>
		EXPECTED LATITUDE	EXPECTED LONGITUDE	
		° ' " N	° ' " W	
		Degrees Minutes Seconds	Degrees Minutes Seconds	
		Place of Water Use (Mandatory information, see instructions)		
		Is the groundwater basin where the well will be drilled the same as the place where the water will be used?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
		TOWNSHIP (N/S)	RANGE (E/W)	SECTION
			160 ACRE <i>1/4</i>	40 ACRE <i>1/4</i>
				10 ACRE <i>1/4</i>

SECTION 3. OWNER INFORMATION

Land Owner	Well Owner
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <i>Amado Nancy Int, LLC</i>	FULL NAME OF COMPANY, GOVERNMENT AGENCY, OR INDIVIDUAL <input type="checkbox"/>
MAILING ADDRESS <i>2439 West Mc Dowell Road</i>	MAILING ADDRESS
CITY / STATE / ZIP CODE <i>Phoenix, AZ 85009</i>	CITY / STATE / ZIP CODE
CONTACT PERSON NAME AND TITLE <i>Berry Wilson</i>	CONTACT PERSON NAME AND TITLE
TELEPHONE NUMBER <i>252-341-3694</i>	TELEPHONE NUMBER
FAX	FAX

Notice of Intent to Drill, Deepen, Replace or Modify a Well

SECTION 4.

Questions	Yes	No	If Yes:
1. Is the proposed well site within 100 feet of a septic tank system, sewer disposal area, landfill, hazardous materials or petroleum storage area or tank?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	You must also request a variance (A.A.C. R12-15-818).
2. Is there another well name or identification number associated with this well (e.g., Lot 35 Well, Smith Well, etc.)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	(please state)
3. Is the proposed well a NEW well to be located within an Active Management Area? (See instructions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	You must also file a supplemental form A.R.S. § 45-454(C) & (D), unless the well is a replacement well and the total number of operable exempt wells on the land is not increasing.
4. Is the proposed well the second exempt well on this parcel for the same use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	You must also file a supplemental form A.R.S. § 45-454(I) if the proposed well is in an Active Management Area.

SECTION 5. DRILLING AUTHORIZATION

SECTION 6. WATER / SITE INFORMATION

Drilling Firm		Principal Use of Water	Other Uses of Water
NAME Mike's Drilling, LLL		CHECK ONE	CHECK ALL THAT APPLY
DWR LICENSE NUMBER 798	ROC LICENSE CATEGORY CR53	<input type="checkbox"/> Irrigation*	<input type="checkbox"/> Irrigation
TELEPHONE NUMBER 520-399-2781	FAX NUMBER 520-399-2608	<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Commercial
MAILING ADDRESS 2064 N Avenida Mena		<input type="checkbox"/> Domestic	<input type="checkbox"/> Domestic
CITY / STATE / ZIP CODE Green Valley, AZ 85614		<input type="checkbox"/> Municipal	<input type="checkbox"/> Municipal
DRILLERS EMAIL wellguy@pipe.com		<input type="checkbox"/> Industrial	<input type="checkbox"/> Industrial
DATE CONSTRUCTION IS SCHEDULED TO BEGIN ASAP		<input checked="" type="checkbox"/> Stock	<input type="checkbox"/> Stock
		<input type="checkbox"/> Remediation	<input type="checkbox"/> Remediation
		<input type="checkbox"/> Dewatering	<input type="checkbox"/> Dewatering
		<input type="checkbox"/> Other (please specify):	<input type="checkbox"/> Other (please specify):

Per owner & driller TNV

*Pursuant to ARS § 45-402(23) Irrigation is defined as applying water to two or more acres of land to produce plants or parts of plants for sale or human consumption, or for use as feed for livestock, range livestock or poultry.

NOTE: If this is a Notice of Intent to construct a new well that will be used for the purpose of withdrawing groundwater for transportation to an Active Management Area (AMA) pursuant to A.R.S. § 45-552, 45-553, 45-554 or 45-555(A), the authorization to drill the well issued in association with this Notice shall not be considered the approval to transport groundwater to an AMA. (See instructions)

SECTION 7. PROPOSED WELL CONSTRUCTION DESIGN (attach separate sheet if needed)

Borehole			Casing															
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)					GROUTING MATERIAL			
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE		
0	20	12 1/4	0	20	8	X												
20	200	8	20	200	5	X												
200	300	8	200	300	5	X												
0	20	18"	0	20	14"													
20	300	12 1/4"	0	160	8 5/8"													Cement 3/8
			160	300	8 5/8"													3/8

* ADWR well construction standards require a surface seal consisting of a minimum of 20 feet of steel casing. Cement grout must be used to fill the annular space between the surface casing and the borehole. (A.A.C. R12-15-811(B))

The Department's issuance of an authorization to drill a well is not a determination of whether water withdrawn from the well is legally surface water or groundwater. The legal nature of the water withdrawn from the well may be the subject of court action in the future as part of a determination of surface water rights in your area. If there are court proceedings that could affect your well, you will be notified and be given the opportunity to participate. If you have questions regarding the legal nature of the water to be withdrawn from your proposed well, please consult with an experienced civil engineer, hydrologist or water rights attorney.

For the purposes of determining appropriate fees outside AMAs or INAs, "domestic purposes" is defined as "uses related to the supply, service and activities of households and private residences and includes the application of water to less than 2 acres of land to produce plants or parts of plants for sale or human consumption, or for use as feed for livestock, range livestock or poultry, as such terms are defined in A.R.S. § 3-1201."

Notice of Intent to Drill, Deepen, Replace or Modify a Well

SECTION 8. PERMISSION TO ACCESS

By checking this box, I hereby provide ADWR permission to enter the property for the purpose of taking water level measurements at this well. Advance notice can be provided. (See instructions)

SECTION 9. WELL SITE PLAN

❖ If this well will be a domestic well on 5 acres or less, please draw the following: (1) the boundaries of your property; (2) the proposed well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well. If the parcel is vacant land or lacks a septic tank or sewer system, please indicate this.

❖ Indicate the distance between the proposed well location and any septic tank system or sewer system. County Assessor's ID# _____ - _____ - _____

COUNTY OR LOCAL HEALTH AUTHORITY APPROVAL CODE

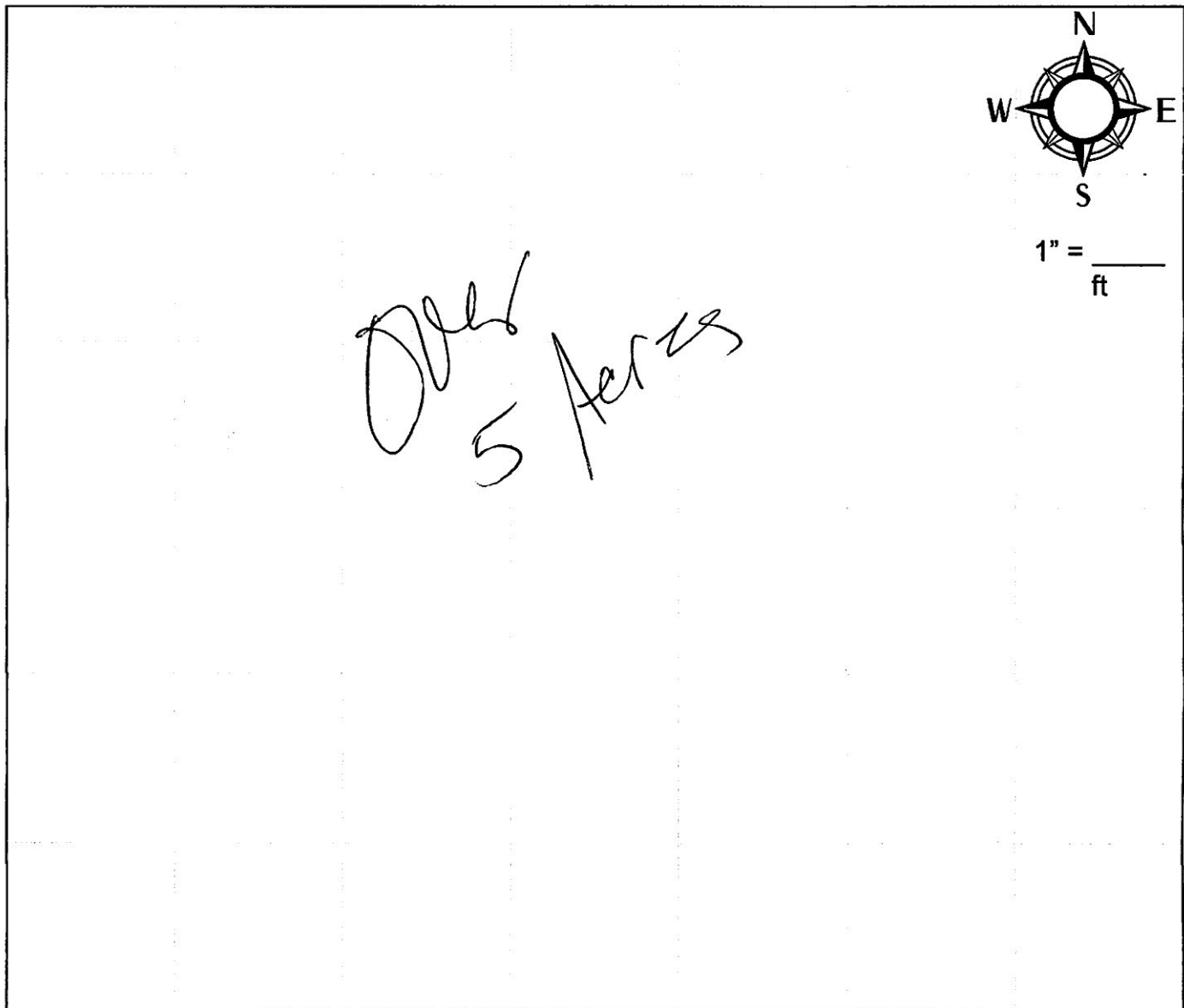
COUNTY APPROVAL CODE

If applicant is filing this NOI electronically via the ADWR website and County approval is required, please indicate approval by providing a County Approval Code.

SECTION 10. LAND OWNER AND WELL OWNER SIGNATURE

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

Land Owner		Well Owner (if different from Land Owner; See instructions)	
PRINT NAME AND TITLE	Jigar Patel chairman	PRINT NAME AND TITLE	
SIGNATURE OF LAND OWNER	<i>Jigar Patel</i>	SIGNATURE OF WELL OWNER	
DATE	08/01/2016	DATE	
<input type="checkbox"/> By checking this box, you agree to allow ADWR to contact you via electronic mail.		<input type="checkbox"/> By checking this box, you agree to allow ADWR to contact you via electronic mail.	
EMAIL ADDRESS		EMAIL ADDRESS	



NOTICE

A.R.S. § 41-1030(B), (D), (E) and (F) provide as follows:

B. An agency shall not base a licensing decision in whole or in part on a licensing requirement or condition that is not specifically authorized by statute, rule or state tribal gaming compact. A general grant of authority in statute does not constitute a basis for imposing a licensing requirement or condition unless a rule is made pursuant to that general grant of authority that specifically authorizes the requirement or condition.

D. This section may be enforced in a private civil action and relief may be awarded against the state. The court may award reasonable attorney fees, damages and all fees associated with the license application to a party that prevails in an action against the state for a violation of this section.

E. A state employee may not intentionally or knowingly violate this section. A violation of this section is cause for disciplinary action or dismissal pursuant to the agency's adopted personnel policy.

F. This section does not abrogate the immunity provided by section 12-820.01 or 12-820.02.



Arizona Department of Water Resources
 Water Management Support Section
 3550 N. Central Ave. Suite 200, Phoenix, Az 85012
 (602) 771-8500 — (800) 352-8488
 www.water.az.gov

**Certification to the Notice of Intention to Drill
 an Exempt Well within an Active Management
 Area Pursuant to A.R.S. § 45-454(C) & (D)**

**Exempt Well Certification of Compliance with A.R.S. § 45-454(C)
 or Request for Exemption Pursuant to A.R.S. § 45-454(D)**

FILE NUMBER <i>D(20-13)6CBC</i>
WELL REGISTRATION NUMBER <i>55 - 226339</i>

Effective January 1, 2006, Arizona Revised Statute (A.R.S.) § 45-454(C) prohibits the drilling of an exempt well (a well that has a maximum pump capacity of not more than thirty-five gallons per minute and that is used only for non-irrigation purposes) on land if any part of the land is within 100 feet of the operating water distribution system of a municipal water provider that has an assured water supply designation (designated water provider) within the boundaries of an Active Management Area (AMA) as shown on a digitized service area map provided to the Director by the municipal provider and updated by the municipal provider as specified by the Director. A.R.S. § 45-454(D) provides that the Director shall provide an exemption from this prohibition if one of the following applies:

1. The landowner submitted a written request for service to the municipal provider that operates the distribution system and the municipal provider did not provide written verification to the landowner within thirty calendar days after receipt of the request that water service is available to the landowner after payment of any applicable fee to the municipal provider.
2. The total capital cost and fees for connecting to the operating water distribution system exceed the total capital cost and fees for drilling and fully equipping the exempt well.
3. If the applicant must obtain an easement across other land to connect to the water distribution system of the municipal provider, the applicant sent the owner of the land a request for the easement by certified mail, return receipt requested, and either the applicant did not receive a response to the request within thirty calendar days of mailing the request or the request was denied.
4. The landowner does not qualify for an exemption pursuant to 1, 2 or 3 above and the landowner provides written verification from the municipal provider that the landowner shall not receive or request water service from the municipal provider while the exempt well is operational. The exemption for the well is revoked if the landowner or any subsequent landowner receives water service from the municipal provider. In determining whether to approve or reject an application to drill a non-exempt well under A.R.S. § 45-599, the director shall not consider any impacts the proposed non-exempt well may have on the exempt well drilled pursuant to this paragraph.

In order to obtain authority to drill an exempt well within an AMA, you must fill out the appropriate box below certifying compliance with A.R.S. § 45-454(C) or requesting an exemption pursuant to A.R.S. § 45-454(D).

CERTIFICATION OF COMPLIANCE WITH A.R.S. § 45-454(C)

I certify that no portion of the land on which the proposed exempt well is to be drilled is within one hundred feet of the operating water distribution system of a municipal water provider with an assured water supply designation as shown on the provider's most recent digitized service area map on file with the Arizona Department of Water Resources. I understand that this condition may change prior to the commencement of well drilling and that if, at the time drilling is to commence, the land is within one hundred feet of the operating water distribution system of a municipal water provider with an assured water supply designation as shown on the provider's most recent digitized service area map on file with the Department, the well may not be drilled unless I apply for and am granted an exemption pursuant to A.R.S. § 45-454(D). (If your exempt well falls into this category, skip to and complete "Signature" on the reverse side)

Continued on Reverse

REQUEST FOR EXEMPTION PURSUANT TO A.R.S. § 45-454(D)

The land on which the proposed exempt well is to be drilled is within one hundred feet of the operating water distribution system of a municipal water provider with an assured water supply designation as shown on the most recent service area map provided by the municipal provider to the Director of the Arizona Department of Water Resources. Name of municipal provider: _____

In accordance with A.R.S. § 45-454(D), I am:

- Requesting exemption # 1 2 3 pursuant to A.R.S. § 45-454(D)(1), (2) or (3) as applicable.
(Check One)

I certify that I meet the requirements for the exemption.

NOTE: If you check this box requesting exemption #1, 2, or 3, you must attach to this form evidence of the applicability of the exemption as follows:

Exemption #1: A copy of the letter you sent to the designated water provider requesting water service and a copy of any written response from the provider.

Exemption #2: A cost comparison of the capital cost and fees associated with drilling and equipping the exempt well versus the capital cost and fees associated with connecting to the designated water provider's operating water distribution system. Please list the name of drilling firm that provided the cost estimate for drilling and equipping the well.

Exemption #3: A copy of the letter sent to the landowner from whom an easement must be obtained, a copy of the receipt showing that the letter was received by the landowner and a copy of any written response received from the landowner.

- Requesting exemption #4 pursuant to A.R.S. § 45-454(D)(4), with the understanding that in determining whether to approve or reject an application to drill a non-exempt well under A.R.S. § 45-599 (applicable to wells designed to pump greater than 35 GPM and located within an AMA) the director shall not consider any impacts the proposed non-exempt well may have on the exempt well for which this exemption is granted.

NOTE: If you checked this box requesting exemption #4, please demonstrate the applicability of the exemption by attaching to this form written verification from the municipal provider that you shall not receive or request water service from the municipal provider while the exempt well is operational.

SIGNATURE

TYPE OR PRINT NAME OF LANDOWNER

Digvijay Patel

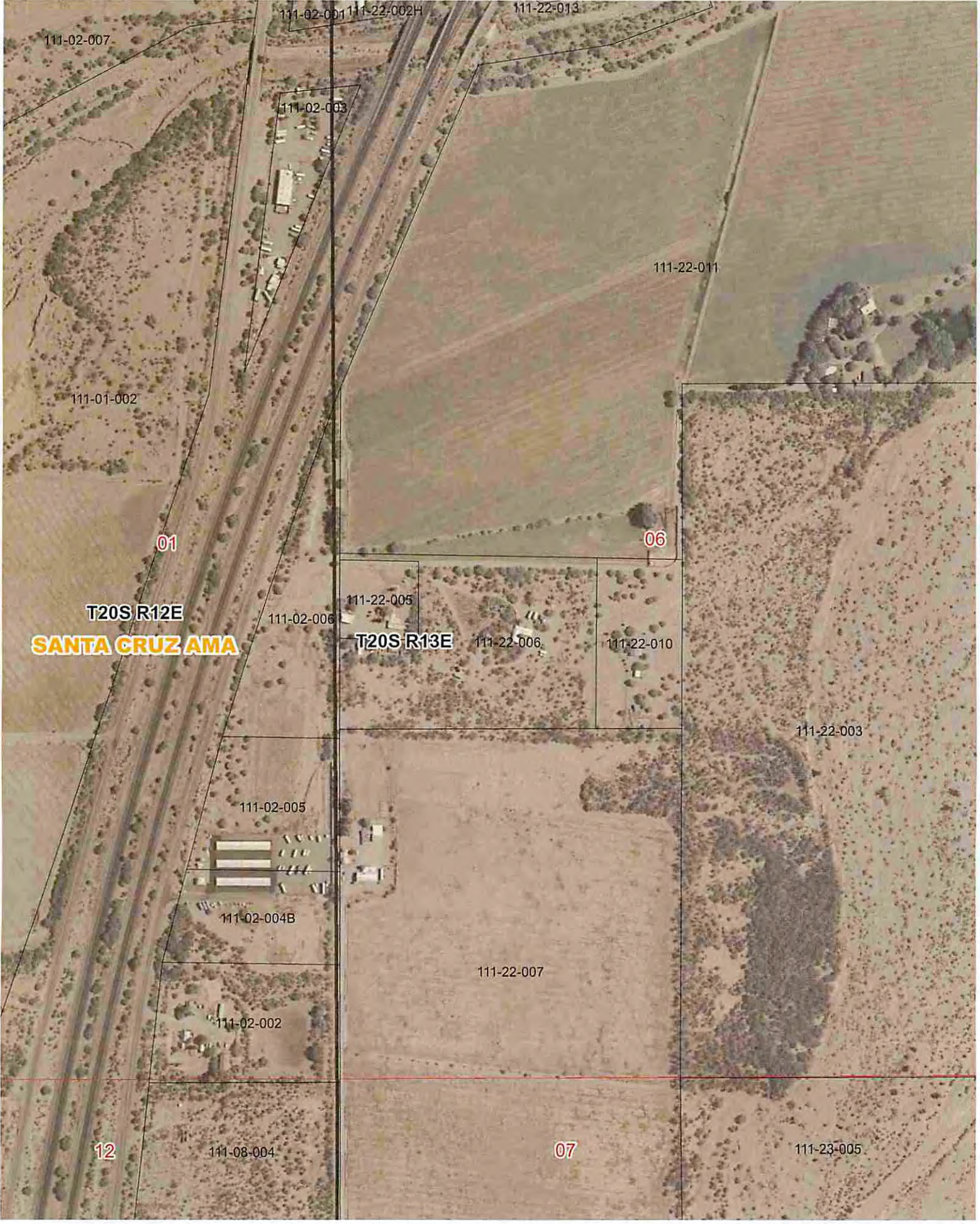
SIGNATURE OF LANDOWNER

Digvijay Patel

DATE SIGNED

08/01/2016

NOTE: A current listing of designated water providers may be found at: http://www.azwater.gov/dwr/Content/Find_by_Category/Permits_Forms_Applications/Files/AssuredWaterSupply/List_of_Designated_Providers_2005.pdf.



111-02-007

111-02-001 111-22-002H

111-22-013

111-02-003

111-22-011

111-01-002

01

06

T20S R12E

SANTA CRUZ AMA

111-02-006

111-22-005

T20S R13E

111-22-006

111-22-010

111-22-003

111-02-005

111-02-004B

111-22-007

111-02-002

12

111-08-004

07

111-23-005

111-02-007

111-02-001 111-22-002H

111-22-013

111-02-003

111-22-011

111-01-002

01

06

T20S R12E

SANTA CRUZ AMA

111-02-006

111-22-005

T20S R13E

111-22-006

111-22-010

111-22-003

111-02-005

111-02-004B

111-22-007

111-02-002

12

111-08-004

07

111-23-005

Torren Valdez

From: Amy C. Levy
Sent: Thursday, September 08, 2016 3:25 PM
To: Torren Valdez
Subject: RE: Service Area Lines

- Parcel # 111-22-006 is NOT within 100ft. of a designated providers line.

From: Torren Valdez
Sent: Thursday, September 08, 2016 3:20 PM
To: Amy C. Levy <aclevy@azwater.gov>
Subject: Service Area Lines

Hello,

Could I have you check to see if this new well site location is within 100 feet of any service area (designated with assured water supply) lines?

Well number: 55-226339
Well site location: Township 20 South, Range 13 East, Section 6
County: Santa Cruz County
Parcel number: 111-22-006

Thank you,

Torren Valdez
Water Planning & Permitting Division
Arizona Department of Water Resources
602.771.8614



PROTECTING ARIZONA'S
WATER SUPPLIES
for ITS NEXT CENTURY

**We're Moving - As of Monday, June 13, 2016, our new office will be located at:
1110 W. Washington St. Suite 310, Phoenix, AZ 85007
Mailing Address: PO BOX 36020, Phoenix, AZ 85067
*Our staff's phone numbers and email addresses will stay the same**

Untitled

September 6, 2016

Torren Valdez
ADWR
P.O. Box 36020
Phoenix, Arizona 85067

RECEIVED

SEP 08 2016

ADWR

Re: NOI 55-226339

Dear Torren,

We have recieved back the NOI for Amado Managment, LLC. I noticed they checked "stock" for water use but this is incorrect. This well will be providing water for commercial purposes only. This has been corrected. Please let me know if you have any questions.

Sincerely,

Mike Lister
Mike's Drilling, LLC
520 490 0399



Arizona Department of Water Resources
 Groundwater Permits and Wells Section
 P.O. Box 36020 Phoenix, Arizona 85067-6020
 (602) 771-8500 • (602) 771-8690 fax
 • www.azwater.gov •

RECEIVED

SEP 08 2016

ADWR

\$150 or \$100 FEE

Notice of Intention to Drill, Deepen, Replace or Modify a Well
 (except a Non-Exempt Well in an Active Management Area)

- Review instructions prior to completing form in black or blue ink.
- You must include with your Notice:
 - Check or money order in the amount of the appropriate filing fee.
 - For a well located within an AMA or INA, the fee is \$150.00.
 - For a well not located within an AMA or INA, the fee is \$100.00 if the well will be used solely for domestic purposes (see page 2 and instructions) and will have a pump with a maximum capacity of not more than 35 gallons per minute. Otherwise, the fee is \$150.00.
- Shared wells: While Arizona water law governs how a well subject to a well sharing agreement is to be drilled and located, it DOES NOT govern the operation or management of a well sharing agreement.
- Authority for fee: A.R.S. § 45-596 and A.A.C. R12-15-104.

TO BE COMPLETED BY ADWR			FILE NUMBER
AMA/INA <u>Santa Cruz</u>	B <u>SCA</u>	SB <u>70</u>	<u>D(20-13)6 CBC</u>
RECEIVED DATE <u>8/19/2016</u>	WS <u>09 SCR</u>	WELL REGISTRATION NUMBER	
ISSUED DATE <u>9/18/2016</u>	REMEDIAL ACTION SITE <u>000</u>	55 - <u>226339</u>	
LEGAL REVIEW IF APP	REASONING		
<input type="checkbox"/> FILING MANUALLY			
<input type="checkbox"/> FILING ELECTRONICALLY (drillers email required)			

SECTION 1. COUNTY OR LOCAL HEALTH AUTHORITY APPROVAL (if applicable)

If water from the proposed well will be used for domestic purposes on a parcel of land of 5 or fewer acres, the applicable county or local health authority must endorse all items in Section 1 within one year before submission to the Department of Water Resources. You must also attach a site plan (pg. 3).

CHECK ONE

County or Local Health Authority Recommends Approval (pursuant to A.R.S. § 45-596 (G) and (F))

Field Inspection Performed

Site Plan Review Only

Insufficient Information to Make a Determination – If checked, please submit supplemental form A.R.S. § 45-596 (G) and (F).

COUNTY OR LOCAL AUTHORITY NAME AND TITLE

TELEPHONE NUMBER DATE

COUNTY OR LOCAL AUTHORITY SIGNATURE

Official County or Local Seal or Stamp

SECTION 2. REGISTRY INFORMATION

To determine the place of water use and location of well, please refer to the Well Registry Maps and Google Earth at: (<https://gisweb.azwater.gov/WellRegistry/Default.aspx>) and (<http://www.earthpoint.us/townships.aspx>)

Well Type	Proposed Action	Location of Well						
CHECK ONE	CHECK ONE	WELL LOCATION ADDRESS (IF ANY)		COUNTY WHERE WELL IS LOCATED:				
<input type="checkbox"/> Exempt (Pump has a maximum capacity of not more than 35 gpm and water is not used for irrigation purposes inside an AMA.) <i>(See instructions)</i>	<input type="checkbox"/> Drill New Well	<u>2935 E. Frontage Road</u>		<u>Santa Cruz</u>				
<input type="checkbox"/> Non-Exempt (Pump has a maximum capacity of more than 35 gpm and the well is located outside an AMA.) <i>(See instructions)</i>	<input type="checkbox"/> Deepen	TOWNSHIP (NS)	RANGE (EW)	SECTION	160 ACRE	40 ACRE	10 ACRE	
	<input checked="" type="checkbox"/> Replace	<u>205</u>	<u>13E</u>	<u>6</u>	<u>SW 1/4</u>	<u>NW 1/4</u>	<u>SW 1/4</u>	
	<input type="checkbox"/> Modify	COUNTY ASSESSOR'S PARCEL ID NUMBER						
	If Deepening, Replacing or Modifying: ORIGINAL WELL REGISTRATION NUMBER <u>55 -</u> MAXIMUM CAPACITY OF ORIGINAL WELL	BOOK <u>111</u>	MAP <u>22</u>	PARCEL <u>006</u>	# OF ACRES <u>12</u>			
DESIGN PUMP CAPACITY <u>35</u> Gallons Per Minute	Gallons Per Minute DISTANCE & DIRECTION FROM ORIGINAL WELL Feet	EXPECTED LATITUDE		EXPECTED LONGITUDE				
		Degrees Minutes Seconds " N		Degrees Minutes Seconds " W				
		Place of Water Use (Mandatory information, see instructions)						
		Is the groundwater basin where the well will be drilled the same as the place where the water will be used?					Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
		TOWNSHIP (NS)	RANGE (EW)	SECTION	160 ACRE	40 ACRE	10 ACRE	
					<u>1/4</u>	<u>1/4</u>	<u>1/4</u>	

SECTION 3. OWNER INFORMATION

Land Owner	Well Owner (check this box if Land Owner and Well Owner are same <input type="checkbox"/>)
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <u>Anado Management, LLC</u>	FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL
MAILING ADDRESS <u>2439 West McDowell Road</u>	MAILING ADDRESS
CITY / STATE / ZIP CODE <u>Phoenix, AZ 85009</u>	CITY / STATE / ZIP CODE
CONTACT PERSON NAME AND TITLE <u>Gerry Wilson</u>	CONTACT PERSON NAME AND TITLE
TELEPHONE NUMBER FAX <u>252-341-3694</u>	TELEPHONE NUMBER FAX

Notice of Intent to Drill, Deepen, Replace or Modify a Well

SECTION 4.

Questions	Yes	No	If Yes:
1. Is the proposed well site within 100 feet of a septic tank system, sewer disposal area, landfill, hazardous materials or petroleum storage area or tank?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	You must also request a variance (A.A.C. R12-15-818).
2. Is there another well name or identification number associated with this well (e.g., Lot 35 Well, Smith Well, etc.)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	(please state)
3. Is the proposed well a NEW well to be located within an Active Management Area? (See instructions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	You must also file a supplemental form A.R.S. § 45-454(C) & (D), unless the well is a replacement well and the total number of operable exempt wells on the land is not increasing.
4. Is the proposed well the second exempt well on this parcel for the same use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	You must also file a supplemental form A.R.S. § 45-454(I) if the proposed well is in an Active Management Area.

SECTION 5. DRILLING AUTHORIZATION

Drilling Firm

NAME: *Mike's Drilling, LLC*

DWR LICENSE NUMBER: *798* ROC LICENSE CATEGORY: *CR-53*

TELEPHONE NUMBER: *520-490-0599* FAX NUMBER: *520-399-2608*

MAILING ADDRESS: *2669 N. Avenida Alcazar*

CITY / STATE / ZIP CODE: *Green Valley, AZ 85614*

DRILLERS EMAIL: *wells@e-live.com*

DATE CONSTRUCTION IS SCHEDULED TO BEGIN: *ASAP*

SECTION 6. WATER / SITE INFORMATION

Principal Use of Water	Other Uses of Water
CHECK ONE	CHECK ALL THAT APPLY
<input type="checkbox"/> Irrigation*	<input type="checkbox"/> Irrigation
<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Commercial
<input type="checkbox"/> Domestic	<input type="checkbox"/> Domestic
<input type="checkbox"/> Municipal	<input type="checkbox"/> Municipal
<input type="checkbox"/> Industrial	<input type="checkbox"/> Industrial
<input type="checkbox"/> Stock	<input type="checkbox"/> Stock
<input type="checkbox"/> Remediation	<input type="checkbox"/> Remediation
<input type="checkbox"/> Dewatering	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Other (please specify):	<input type="checkbox"/> Other (please specify):

*Pursuant to ARS § 45-402(23) Irrigation is defined as applying water to two or more acres of land to produce plants or parts of plants for sale or human consumption, or for use as feed for livestock, range livestock or poultry.

NOTE: If this is a Notice of Intent to construct a new well that will be used for the purpose of withdrawing groundwater for transportation to an Active Management Area (AMA) pursuant to A.R.S. § 45-552, 45-553, 45-554 or 45-555(A), the authorization to drill the well issued in association with this Notice shall not be considered the approval to transport groundwater to an AMA. (See instructions)

SECTION 7. PROPOSED WELL CONSTRUCTION DESIGN (attach separate sheet if needed)

Borehole			Casing													
DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)					GROUTING MATERIAL	
FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED		IF OTHER TYPE, DESCRIBE
0	20	18"	0	20	14"	X*				X						CEMENT
20	300	12 1/4"	0	260	8 5/8"					X						
			160	300	8 5/8"									X		

* ADWR well construction standards require a surface seal consisting of a minimum of 20 feet of steel casing. Cement grout must be used to fill the annular space between the surface casing and the borehole. (A.A.C. R12-15-811(B))

The Department's issuance of an authorization to drill a well is not a determination of whether water withdrawn from the well is legally surface water or groundwater. The legal nature of the water withdrawn from the well may be the subject of court action in the future as part of a determination of surface water rights in your area. If there are court proceedings that could affect your well, you will be notified and be given the opportunity to participate. If you have questions regarding the legal nature of the water to be withdrawn from your proposed well, please consult with an experienced civil engineer, hydrologist or water rights attorney.

For the purposes of determining appropriate fees outside AMAs or INAs, "domestic purposes" is defined as "uses related to the supply, service and activities of households and private residences and includes the application of water to less than 2 acres of land to produce plants or parts of plants for sale or human consumption, or for use as feed for livestock, range livestock or poultry, as such terms are defined in A.R.S. § 3-1201."

Notice of Intent to Drill, Deepen, Replace or Modify a Well

WELL REGISTRATION NUMBER

55 - 226339

SECTION 8. PERMISSION TO ACCESS

By checking this box, I hereby provide ADWR permission to enter the property for the purpose of taking water level measurements at this well. Advance notice can be provided. (See instructions)

SECTION 9. WELL SITE PLAN

❖ If this well will be a domestic well on 5 acres or less, please draw the following: (1) the boundaries of your property; (2) the proposed well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well. If the parcel is vacant land or lacks a septic tank or sewer system, please indicate this.

❖ Indicate the distance between the proposed well location and any septic tank system or sewer system. County Assessor's ID# _____ - _____ - _____

COUNTY OR LOCAL HEALTH AUTHORITY APPROVAL CODE

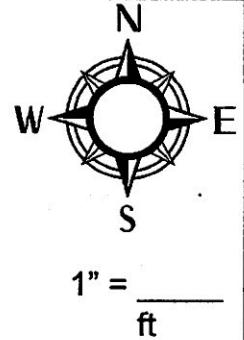
COUNTY APPROVAL CODE

If applicant is filing this NOI electronically via the ADWR website and County approval is required, please indicate approval by providing a County Approval Code.

SECTION 10. LAND OWNER AND WELL OWNER SIGNATURE

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

Land Owner	Well Owner (if different from Land Owner; See instructions)
PRINT NAME AND TITLE <i>Jigankumar Patel</i>	PRINT NAME AND TITLE
SIGNATURE OF LAND OWNER <i>Jigankumar Patel</i>	SIGNATURE OF WELL OWNER
DATE <i>09/06/2016</i>	DATE
<input type="checkbox"/> By checking this box, you agree to allow ADWR to contact you via electronic mail.	<input type="checkbox"/> By checking this box, you agree to allow ADWR to contact you via electronic mail.
EMAIL ADDRESS	EMAIL ADDRESS



Over 5 Acres



DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

ARIZONA DEPARTMENT *of* WATER RESOURCES
1110 West Washington Street, Suite 310
Phoenix, Arizona 85007
602.771.8500
azwater.gov

August 23, 2016

Amado Management, LLC
2439 West McDowell Rd.
Phoenix, AZ 85009
Attn: Gerry Wilson

Re: Notice of Intent (NOI) to Drill Well Registration Number 55-226339

Dear Applicant:

The Arizona Department of Water Resources (Department) has reviewed the above referenced application to determine if the application meets the substantive requirements of A.R.S. § 45-596. Pursuant to A.R.S. § 41-1074 the Department has determined that additional information is required. The following information must be submitted before the Department can complete the application review:

- **Section 4 – Question 4 unanswered:** Pursuant to A.R.S. § 45-454(I), in an active management area only one exempt well may be drilled or used to serve the same non-irrigation use at the same location unless otherwise determined by the director. Any existing wells at the location must either be abandoned or capped once a new well is drilled and completed. Well 55-807376 is also on parcel 111-22-006 of Santa Cruz County and is registered as a domestic and stock well.

The Department's administrative review time frame is suspended until all of the requested information is provided. Failure to submit the information requested within 60 days may result in the denial of the application.

I am enclosing a copy of the application for your reference. Please submit the information to my attention and let me know if you have any questions or need further assistance by contacting me at 602.771.8614.

Sincerely,

Torren Valdez
Groundwater Permitting and Wells
Arizona Department of Water Resources

ARIZONA DEPARTMENT of WATER RESOURCES
1110 W. Washington St. Suite 310
Engineering and Permits Division
Phoenix, AZ 85007
602-771-8500

NOTICE TO WELL DRILLERS

This is a reminder that a valid drill card be present for the drilling of each and every well constructed on a site.* The problem seems to occur during the construction of a well when an unexpected problem occurs. Either the hole collapses, the hole is dry, a drill bit is lost and can't be recovered, or any number of other situations where the driller feels that he needs to move over and start another well. If you encounter this type of scenario, please be aware drillers do not have the authority to start another well without first obtaining drilling authority for the new well. Please note the following statutes and regulations pertaining to well drilling and construction:

ARIZONA REVISED STATUTE (A.R.S.)

A.R.S. § 45-592.A.

A person may construct, replace or deepen a well in this state only pursuant to this article and section 45-834.01. The drilling of a well may not begin until all requirements of this article and section 45-834.01, as applicable, are met.

A.R.S. § 594.A.

The director shall adopt rules establishing construction standards for new wells and replacement wells, the deepening and abandonment of existing wells and the capping of open wells.

A.R.S. § 600.A

A well driller shall maintain a complete and accurate log of each well drilled.

ARIZONA ADMINISTRATIVE CODE (A.A.C.)

A.A.C. R12-15-803.A.

A person shall not drill or abandon a well, or cause a well to be drilled or abandoned, in a manner which is not in compliance with A.R.S. Title 45, Chapter 2, Article 10, and the rules adopted thereunder.

A.A.C. R12-15-810.A.

A well drilling contractor or single well licensee may commence drilling a well only if the well drilling contractor or licensee has possession of a drilling card at the well site issued by the Director in the name of the well drilling contractor or licensee, authorizing the drilling of the specific well in the specific location.

A.A.C. R12-15-816.F.

In the course of drilling a new well, the well may be abandoned without first filing a notice of intent to abandon and without an abandonment card.

*** THIS REQUIREMENT DOES NOT PERTAIN TO THE DRILLING OF MINERAL EXPLORATION, GEOTECHNICAL OR HEAT PUMP BOREHOLES**

Arizona Department of Water Resources

1110 West Washington Street, Suite 310

Phoenix AZ 85007

Customer:

MIKES DRILLING LLC
2064 NORTH AVENIDA MENA
GREEN VALLEY, AZ 85614

Receipt #: 17-46909
Office: MAIN OFFICE
Receipt Date: 08/19/2016
Sale Type: IN_PERSON
Cashier: WRPXA

Item No.	Function Code	AOBJ	Description	Ref ID	Qty	Unit Price	Ext Price
67488	122221	4439-TT	Notice of intention to drill a well other than a well described in subsection (A)(1)(h) of this Section	226339	1	150.00	150.00
RECEIPT TOTAL:							150.00

Payment type: CHECK

Amount Paid: \$150.00

Payment Received Date: 08/19/2016

Notes: FROM TTA.

Check #	3545
---------	------

Run Date: 07/18/2018

AZ DEPARTMENT OF WATER RESOURCES

WELL REGISTRY REPORT - WELLS55

Location D 20.0 13.0 6 0 0 0 Well Reg.No 55 - 639915 AMA SANTA CRUZ AMA

Registered Name AMADO MANAGEMENT LLC File Type LATE REGISTRATION
2935 E FRONTAGE RD Application/Issue Date 06/17/1982
AMADO AZ 85645

Owner OWNER Well Type EXEMPT
Driller No. 0 SubBasin SANTA CRUZ AMA
Driller Name Watershed SANTA CRUZ RIVER
Driller Phone Registered Water Uses DOMESTIC
County SANTA CRUZ Registered Well Uses WATER PRODUCTION
Parcel No. 111-22-010 Discharge Method NONE
Intended Capacity GPM 0.00 Power NO POWER CODE LISTED

Well Depth 120.00 Case Diam 8.00 Tested Cap 30.00
Pump Cap. 30.00 Case Depth 120.00 CRT
Draw Down 0.00 Water Level 60.00 Log
Acres Irrig 0.00 Finish OTHER - BLACK STEEL - IRON - SEAMLESS

Contamination Site: NO - NOT IN ANY REMEDIAL ACTION SITE

Tribe: Not in a tribal zone

Comments

Current Action

7/2/2018 860 CHANGE OF WELL OWNERSHIP
Action Comment: ct

Action History

1/1/1978 755 WELL CONSTRUCTION COMPLETED
Action Comment:



Arizona Department of Water Resources
 Water Management Division
 P.O. Box 36020 Phoenix, Arizona 85067-6020
 (602) 771-8527 • www.azwater.gov

Request to Change Well Information

RECEIVED

MAY 21 2018

ADWR

- ❖ Review instructions prior to completing form in black or blue ink.
 - ❖ You must include with your Notice:
 - check or money order for any required fee(s)
 - ❖ Authority for fee: A.R.S. § 45-113 and A.A.C. R12-15-104
- ** PLEASE PRINT CLEARLY ****

FILE NUMBER

WELL REGISTRATION NUMBER

55-639915

SECTION 1. REGISTRY INFORMATION

Well Owner		Location of Well					
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <i>Claude Henson</i>		WELL LOCATION ADDRESS (IF ANY) <i>2950 E Frontage Rd</i>					
MAILING ADDRESS <i>P.O. Box 72</i>		TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE <i>1/4</i>	40 ACRE <i>1/4</i>	10 ACRE <i>1/4</i>
CITY / STATE / ZIP CODE <i>Amado AZ 85640</i>		LATITUDE			LONGITUDE		
CONTACT PERSON NAME AND TITLE		Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
TELEPHONE NUMBER		METHOD OF LATITUDE/LONGITUDE (CHECK ONE)		COUNTY ASSESSOR'S PARCEL ID NUMBER			
FAX		<input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Conventional Survey <input type="checkbox"/> *GPS: Hand-Held		BOOK <i>111</i> MAP <i>22</i> PARCEL <i>010</i>			
		<input type="checkbox"/> *GPS: Survey-Grade		COUNTY WHERE WELL IS LOCATED <i>Santa Cruz</i>			
		<input type="checkbox"/> NAD-83 <input type="checkbox"/> Other (please specify):					

Type of Request (CHECK ONE)

- Change of Well Drilling Contractor (Fill out Section 2)
 Change of Well Ownership (Fill out Section 3)
 Change of Well Information (location, use, etc.) (Fill out Section 4)

SECTION 2. REQUEST TO CHANGE WELL DRILLING CONTRACTOR

FEE \$120 per Well

- ◆ If drilling or abandoning a well, the Department must receive this request and issue authorization to the new drilling firm prior to the commencement of well drilling or abandonment.

Current Well Drilling Contractor		New Well Drilling Contractor	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL		FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	
DWR LICENSE NUMBER		DWR LICENSE NUMBER	ROC LICENSE CATEGORY
TELEPHONE NUMBER	FAX	TELEPHONE NUMBER	FAX

SECTION 3. STATEMENT OF CHANGE OF WELL OWNERSHIP

FEE \$30 per Well

Previous Well Owner		New Well Owner	
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <i>Claude Henson</i>		FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL <i>Amado Management LLC</i>	
MAILING ADDRESS <i>PO Box 72</i>		MAILING ADDRESS <i>2935 E. Frontage Rd</i>	
CITY / STATE / ZIP CODE <i>Amado AZ 85640</i>		CITY / STATE / ZIP CODE <i>Amado AZ 85645</i>	
CONTACT PERSON NAME AND TITLE		CONTACT PERSON NAME AND TITLE <i>Jigar Patel Manager</i>	
TELEPHONE NUMBER	FAX	TELEPHONE NUMBER <i>520 406-9811</i>	FAX

SECTION 4. CHANGE OF WELL INFORMATION (No Fee Required)

NOTE: Applies only to wells that have already been drilled. For proposed wells, an amended Notice of Intent to Drill a Well must be filed.

EXPLAIN

SECTION 5. OPTIONAL BY PROPERTY OWNER AND WELL OWNER ONLY

- By checking this box, I hereby provide ADWR permission to enter the property for the purpose of taking water level measurements at this well. (See instructions.)

SECTION 6. WELL OWNER SIGNATURE

I HEREBY CERTIFY that the above statements are true to the best of my knowledge and belief.

TYPE OR PRINT NAME AND TITLE	SIGNATURE OF WELL OWNER <i>[Signature]</i>	DATE
------------------------------	---	------

Arizona Department of Water Resources

1110 West Washington Street, Suite 310
Phoenix AZ 85007

Customer:

PIONEER TITLE AGENCY, INC
101 S. LA CANADA SUITE 31
GREEN VALLEY, AZ 85614

Receipt #: 18-59178
Office: MAIN OFFICE
Receipt Date: 06/20/2018
Sale Type: IN_PERSON
Cashier: WRSAM

Item No.	Function Code	AOBJ	Description	Ref ID	Qty	Unit Price	Ext Price
81213	WRFREV	4439-TT	Change of Ownership/Change of Well Information/Well Assignment	639915	1	30.00	30.00
RECEIPT TOTAL:							30.00

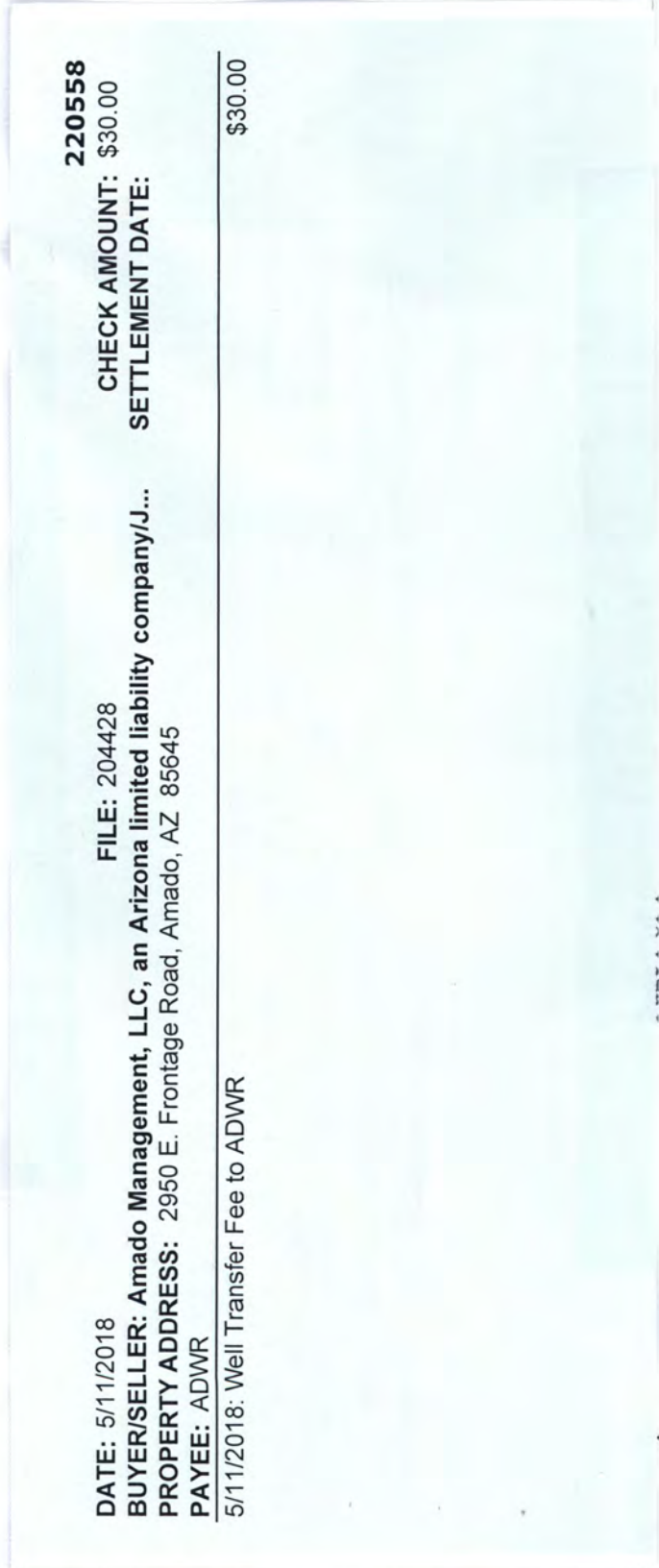
Payment type: CHECK

Amount Paid: \$30.00

Payment Received Date: 06/20/2018

Notes: FROM TTA.

Check # 220558

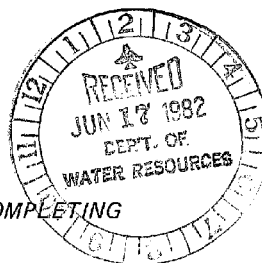


DATE: 5/11/2018
BUYER/SELLER: Amado Management, LLC, an Arizona limited liability company/J...
PROPERTY ADDRESS: 2950 E. Frontage Road, Amado, AZ 85645
PAYEE: ADWR

FILE: 204428
CHECK AMOUNT: \$30.00
SETTLEMENT DATE:

5/11/2018: Well Transfer Fee to ADWR

\$30.00



REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING
PRINT OR TYPE - FILE IN DUPLICATE

REGISTRATION FEE (CHECK ONE)
EXEMPT WELL (NO CHARGE)
NON-EXEMPT WELL -- \$10.00

FOR OFFICE USE ONLY
REGISTRATION NO. 55-639915 L
FILE NO. D(20-13) 6
FILED 6-17-82 AT 2P
(DATE) (TIME)
INA
AMA Tucson

09

1. Name of Registrant:

Claude Henson
P.O. Box 72 Amado, Az. 85640
(Address) (City) (State) (Zip)

2. File and/or Control Number under previous groundwater law:

(File Number) 35 (Control Number)

3. a. The well is located within the $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section 6, of Township 20 south N/S, Range 13 east E/W, G & SRB & M, in the County of Santa Cruz.

b. If in a subdivision: Name of subdivision _____ Lot No. _____ Address _____

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)

domestic

5. If for irrigation use, number of acres irrigated from well _____

6. Owner of land on which well is located. If same as Item 1, check this box

P.O. Box 72 Amado, Az. 85640
(Address) (City) (State) (Zip)

7. Well data (If data not available, write N/A)

a. Depth of Well 120 feet
b. Diameter of casing 8" inches
c. Depth of casing 120 feet
d. Type of casing iron
e. Maximum pump capacity 30 gal per min gallons per minute.
f. Depth to water 60 feet below land surface.
g. Date well completed around 1978
(Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box

$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section _____ Township _____ Range _____
 $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$, Section _____ Township _____ Range _____

Attach additional sheet if necessary.

9. DATE 6-16-82 SIGNATURE OF REGISTRANT Claude Henson

MICROFILMED

RCRAInfo Facility

Facility Information

AMADO MANAGEMENT LLC
Handler ID: AZR000521419
ON SE CORNER OF FRONTAGE RD
AND ARIVACA RD
TUMACACORI, AZ 85640
County Name: SANTA CRUZ
Latitude:
Latitude:
Hazardous Waste Generator:
Owner Name: AMADO
MANAGEMENT LLC

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE
PATRICIA F GARAVITO	2935 E FRONTAGE RD	AMADO	AZ
PATRICIA GARAVITO	2935 E FRONTAGE RD	AMADO	AZ



Greenhouses

2935 E FRONTAGE RD
Tumacacori, AZ 85640

Inquiry Number: 7432815.2s
August 31, 2023

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2935 E FRONTAGE RD
TUMACACORI, AZ 85640

COORDINATES

Latitude (North): 31.7160060 - 31° 42' 57.62"
Longitude (West): 111.0589130 - 111° 3' 32.08"
Universal Transverse Mercator: Zone 12
UTM X (Meters): 494418.2
UTM Y (Meters): 3508772.8
Elevation: 3071 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 11837215 AMADO, AZ
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190616
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
2935 E FRONTAGE RD
TUMACACORI, AZ 85645

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	AMADO MANAGEMENT LLC	2935 E FRONTAGE RD	EMAP, Enforcement		TP
A2	AMADO CULTIVATION AN	2935 E FRONTAGE RD	EMAP		TP
A3	AMADO MANAGEMENT LLC	2935 E FRONTAGE RD	Aquifer		TP

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
AMADO MANAGEMENT LLC 2935 E FRONTAGE RD AMADO, AZ 85645	EMAP Facility Status: ACTIVE ID Number: 182819 Enforcement	N/A
AMADO CULTIVATION AN 2935 E FRONTAGE RD AMADO, AZ 85645	EMAP Facility Status: ACTIVE ID Number: 214727	N/A
AMADO MANAGEMENT LLC 2935 E FRONTAGE RD AMADO, AZ 85645	Aquifer Place ID: 182819	N/A

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

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

EXECUTIVE SUMMARY

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

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

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

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

US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

AZ NPL..... NPL Detail Listing

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

Lists of state- and tribal hazardous waste facilities

SPL..... Superfund Program List

SHWS..... ZipAcids List

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

LUST..... Leaking Underground Storage Tank Listing

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

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

UST..... Underground Storage Tank Listing

AST..... List of Aboveground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

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

EXECUTIVE SUMMARY

AUL..... DEUR Database

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield 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

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Clandestine Drug Labs
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Hazardous Material Logbook
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision

EXECUTIVE SUMMARY

RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Contamination Site Listing
AQUEOUS FOAM.....	Aqueous Film Forming Foam Listing
AIRS.....	Arizona Airs Database
AZ DOD.....	Department of Defense Sites
Dry Wells.....	Drywell Registration
DRYCLEANERS.....	Drycleaner Facility Listing
Financial Assurance.....	Financial Assurance Information Listing
MANIFEST.....	Facility and Manifest Data
SPDES.....	NPDES
VAPOR.....	Vapor Intrusion
UIC.....	Underground Injection Control Wells
WWFAC.....	Waste Water Treatment Facilities
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

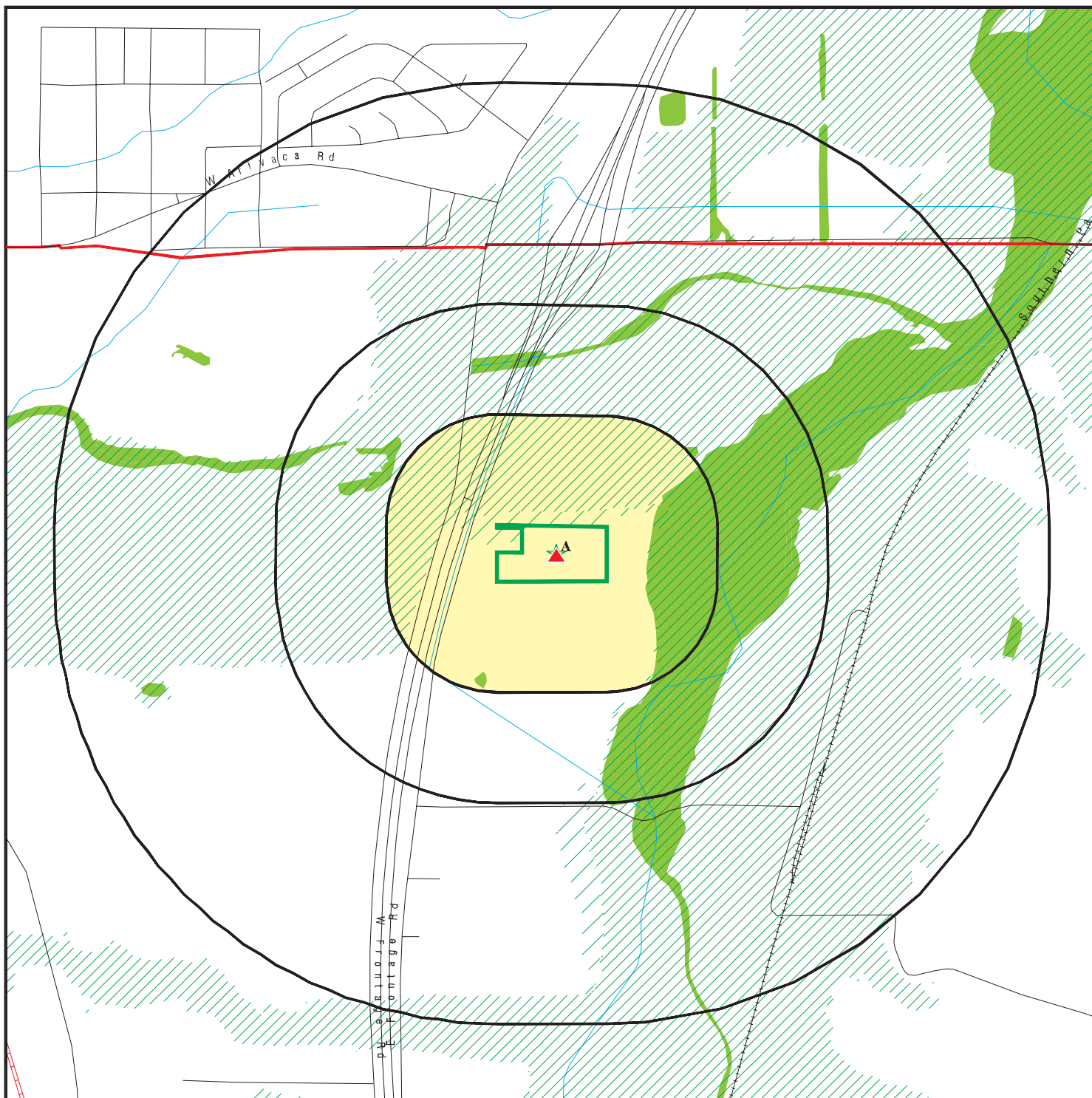
Unmappable (orphan) sites are not considered in the foregoing analysis.







EXECUTIVE SUMMARY











Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

<u>Site Name</u>	<u>Database(s)</u>
USDA FOREST SERV. MANSFIELD CANYON	SHWS
TUBAC LANDFILL	SHWS

OVERVIEW MAP - 7432815.2S



-  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
-  County Boundary
-  Pipelines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands
-  DOD Sites: AZ DEQ
-  Water Quality Assurance Revolving Fund Areas
-  AZ NPL

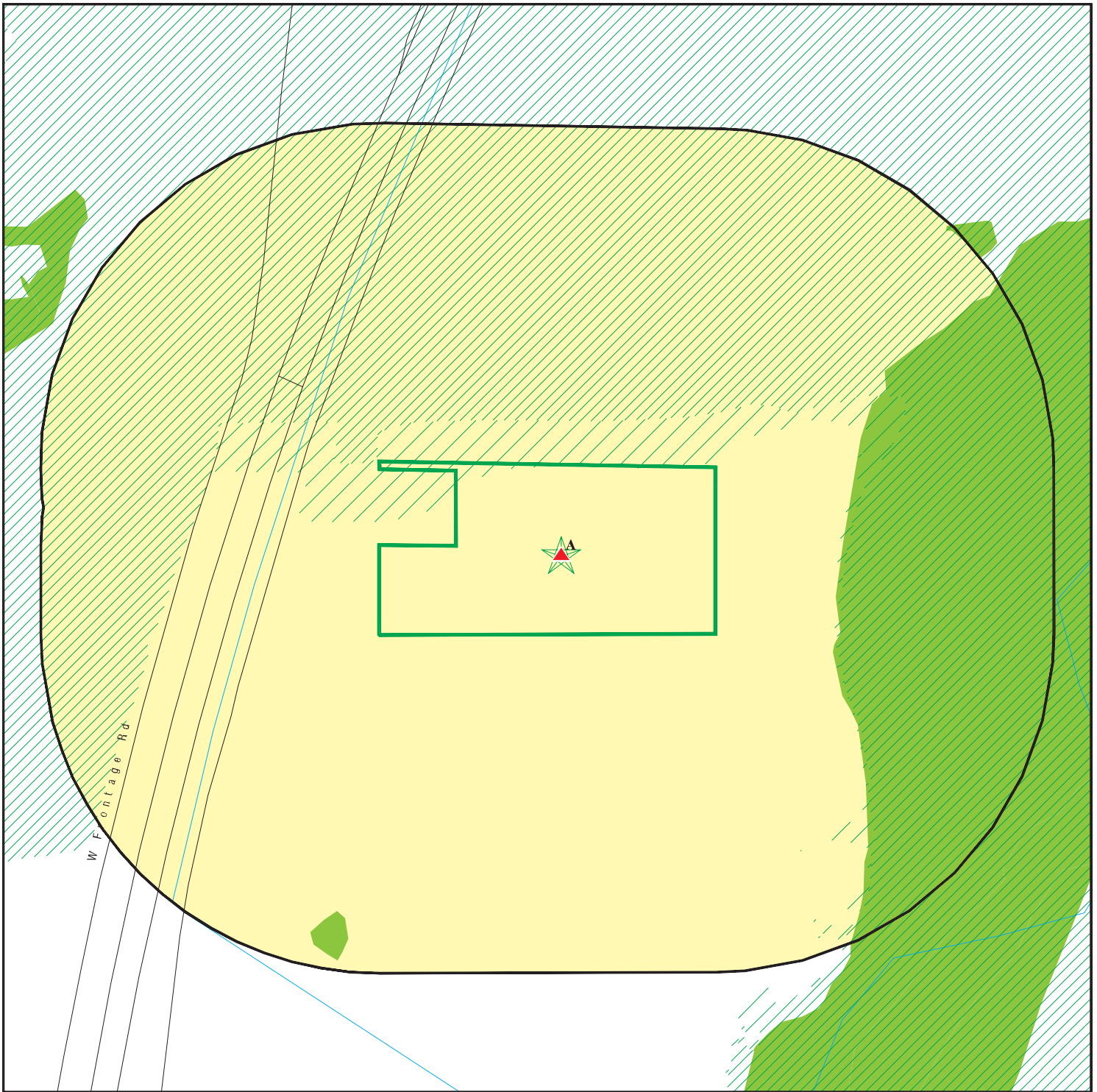


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Greenhouses
 ADDRESS: 2935 E FRONTAGE RD
 Tumacacori AZ 85640
 LAT/LONG: 31.716006 / 111.058913

CLIENT: Vann Engineering, Inc.
 CONTACT: Randall Whitlock
 INQUIRY #: 7432815.2s
 DATE: August 31, 2023 2:48 pm

DETAIL MAP - 7432815.2S



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
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

- DOD Sites: AZ DEQ
- Water Quality Assurance Revolving Fund Areas
- AZ NPL



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: Greenhouses
 ADDRESS: 2935 E FRONTAGE RD
 Tumacacori AZ 85640
 LAT/LONG: 31.716006 / 111.058913

CLIENT: Vann Engineering, Inc.
 CONTACT: Randall Whitlock
 INQUIRY #: 7432815.2s
 DATE: August 31, 2023 2:49 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
AZ NPL	1.000		0	0	0	0	NR	0
AZ WQARF	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SPL	1.000		0	0	0	0	NR	0
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
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
<i>State and tribal institutional control / engineering control registries</i>								
AZURITE	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
Aquifer	0.001	1	0	NR	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AZ DOD	0.500		0	0	0	NR	NR	0
Dry Wells	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMAP	0.001	2	0	NR	NR	NR	NR	2
Enforcement	0.001	1	0	NR	NR	NR	NR	1
Financial Assurance	0.001		0	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
SPDES	0.001		0	NR	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WWFAC	0.500		0	0	0	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		4	0	0	0	0	0	4
-------------	--	---	---	---	---	---	---	---

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

A1 **AMADO MANAGEMENT LLC**
Target **2935 E FRONTAGE RD**
Property **AMADO, AZ 85645**

EMAP **S127763970**
Enforcement **N/A**

Site 1 of 3 in cluster A

Actual:
3071 ft.

EMAP:
Name: AMADO MANAGEMENT LLC
Address: 2935 E FRONTAGE RD
City,State,Zip: AMADO, AZ 85645
ID Number: 182819
Township: Not reported
Range: Not reported
Section: Not reported
Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 31.7166667
Longitude: -111.0605556
Collection Method: DIGITAL IMAGERY
Place Type: MANUFACTURING/INDUSTRIAL PLANT
Place Type Code: INDUS
Place C Code: PP
Facility Status: ACTIVE
End Date: Not reported
Verified: Y

ENF:
Facility ID: 182819
Name: AMADO MANAGEMENT LLC
Address: 2935 E FRONTAGE RD
City,State,Zip: AMADO, AZ 85645
Case ID: 179542
Facility Type: MANUFACTURING/INDUSTRIAL PLANT
Notice Type: Notice of Violations
Notice Issue Date: 12/13/2018
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 10/28/2019
Facility Status: Case Closed
Env Program: AQUIFER PROTECTION - GROUND WATER
Notice Type Code: NOV

Facility ID: 182819
Name: AMADO MANAGEMENT LLC
Address: 2935 E FRONTAGE RD
City,State,Zip: AMADO, AZ 85645
Case ID: 186171
Facility Type: MANUFACTURING/INDUSTRIAL PLANT
Notice Type: Notice of Violations
Notice Issue Date: 10/04/2019
Order Type: Administrative Order
Order Issue Date: 12/26/2019
Closed Date: 03/29/2021
Facility Status: Case Closed
Env Program: DRINKING WATER PROGRAM
Notice Type Code: NOV

Facility ID: 182819

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMADO MANAGEMENT LLC (Continued)

S127763970

Name: AMADO MANAGEMENT LLC
Address: 2935 E FRONTAGE RD
City,State,Zip: AMADO, AZ 85645
Case ID: 187672
Facility Type: MANUFACTURING/INDUSTRIAL PLANT
Notice Type: Notice of Violations
Notice Issue Date: 01/24/2020
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 04/01/2020
Facility Status: Case Closed
Env Program: DRINKING WATER PROGRAM
Notice Type Code: NOV

Facility ID: 182819
Name: AMADO MANAGEMENT LLC
Address: 2935 E FRONTAGE RD
City,State,Zip: AMADO, AZ 85645
Case ID: 187645
Facility Type: MANUFACTURING/INDUSTRIAL PLANT
Notice Type: Notice of Violations
Notice Issue Date: 02/11/2020
Order Type: Administrative Order
Order Issue Date: 09/14/2020
Closed Date: 12/20/2022
Facility Status: Case Closed
Env Program: AQUIFER PROTECTION - GROUND WATER
Notice Type Code: NOV

**A2
Target
Property**

**AMADO CULTIVATION AND GREENHOUSE
2935 E FRONTAGE RD
AMADO, AZ 85645**

**EMAP S127765687
N/A**

Site 2 of 3 in cluster A

**Actual:
3071 ft.**

EMAP:
Name: AMADO CULTIVATION AND GREENHOUSE
Address: 2935 E FRONTAGE RD
City,State,Zip: AMADO, AZ 85645
ID Number: 214727
Township: Not reported
Range: Not reported
Section: Not reported
Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 31.7160222
Longitude: -111.0592472
Collection Method: DIGITAL IMAGERY
Place Type: CULTIVATION FACILITY
Place Type Code: CUL
Place C Code: PP
Facility Status: ACTIVE
End Date: Not reported
Verified: Y

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A3 **AMADO MANAGEMENT LLC**
Target **2935 E FRONTAGE RD**
Property **AMADO, AZ 85645**

Aquifer **S128960161**
 N/A

Site 3 of 3 in cluster A

Actual:
3071 ft.

AQUIFER:
 Name: AMADO MANAGEMENT LLC
 Address: 2935 E FRONTAGE RD
 City,State,Zip: AMADO, AZ 85645
 Invoice #: 513099
 Place ID: 182819
 LTF Number: 96930
 Permit Type: APP, Individual Permit, Other Amendment
 Permit Status: I
 AZ PDES Permit #: Not reported
 Facility Type: MANUFACTURING/INDUSTRIAL PLANT
 Latitude: 31.71666667
 Longitude: 111.060555556
 Issue Date: 12/07/2022
 Expire Date: Not reported
 App Name: Amado Management, Llc
 App Address: 2935 E FRONTAGE RD
 App City/State/Zip: AMADO, AZ 85645
 Phone: (480) 307-0195
 Email: patyg@amadomgmtllc.com

Count: 2 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
SANTA CRUZ COUNTY	S103931933	USDA FOREST SERV. MANSFIELD CANYON	CORONADO NF NOGALES RD (SANTA		SHWS
TUBAC	S103809865	TUBAC LANDFILL	FRONTAGE RD W OF I-19	85640	SHWS

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

Lists of Federal NPL (Superfund) sites

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: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	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: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: N/A
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/09/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

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: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, 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.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 07/31/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 05/25/2023	Source: Department of the Navy
Date Data Arrived at EDR: 05/31/2023	Telephone: 843-820-7326
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/20/2023
	Data Release Frequency: Varies

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: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/12/2023

Date Data Arrived at EDR: 06/20/2023

Date Made Active in Reports: 08/14/2023

Number of Days to Update: 55

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/20/2023

Next Scheduled EDR Contact: 10/02/2023

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

AZ NPL: NPL Detail Listing

Detailed site information for NPL sites from the Arizona Department of Environmental Quality.

Date of Government Version: 03/31/2023

Date Data Arrived at EDR: 05/25/2023

Date Made Active in Reports: 08/14/2023

Number of Days to Update: 81

Source: Department of Environmental Quality

Telephone: 602-771-4609

Last EDR Contact: 08/09/2023

Next Scheduled EDR Contact: 11/27/2023

Data Release Frequency: Varies

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: 03/31/2023

Date Data Arrived at EDR: 05/24/2023

Date Made Active in Reports: 08/14/2023

Number of Days to Update: 82

Source: Department of Environmental Quality

Telephone: 602-771-4360

Last EDR Contact: 08/09/2023

Next Scheduled EDR Contact: 11/27/2023

Data Release Frequency: Annually

Lists of state- and tribal hazardous waste facilities

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

Date Data Arrived at EDR: 04/04/2018

Date Made Active in Reports: 05/17/2018

Number of Days to Update: 43

Source: Department of Environmental Quality

Telephone: 602-771-4360

Last EDR Contact: 07/19/2023

Next Scheduled EDR Contact: 11/06/2023

Data Release Frequency: No Update Planned

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

Date Data Arrived at EDR: 04/11/2000

Date Made Active in Reports: 05/16/2000

Number of Days to Update: 35

Source: Department of Environmental Quality

Telephone: 602-771-4360

Last EDR Contact: 06/06/2023

Next Scheduled EDR Contact: 09/25/2023

Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/02/2023
Date Data Arrived at EDR: 03/24/2023
Date Made Active in Reports: 06/08/2023
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 602-771-2300
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

TUCSON LF: City of Tucson Landfills Listing

Location and area of landfills owned by the City of Tucson.

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/13/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 125

Source: Tucson Department of Environmental and General Services
Telephone: 520-791-3171
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

Lists of state and tribal leaking storage tanks

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: 03/17/2023
Date Data Arrived at EDR: 04/06/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 82

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 10/30/2023
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: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
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: 04/19/2023	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2023	Telephone: 303-312-6271
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

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: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 07/17/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 06/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

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: 04/21/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/02/2023	Telephone: 602-771-4345
Date Made Active in Reports: 07/20/2023	Last EDR Contact: 07/26/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Annually

AST: List of Aboveground Storage Tanks

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2019
Date Data Arrived at EDR: 12/06/2019
Date Made Active in Reports: 01/31/2020
Number of Days to Update: 56

Source: Department of Building & Fire Safety
Telephone: 602-364-1003
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: No Update Planned

AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 06/01/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 602-771-4380
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AZURITE: Remediation and DEUR/VEMUR Tracking System

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

Date of Government Version: 05/17/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 08/04/2023
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-771-4397
Last EDR Contact: 05/18/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Varies

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: 05/17/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 08/04/2023
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-771-4397
Last EDR Contact: 05/18/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

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: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/13/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/02/2023
	Data Release Frequency: Varies

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	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 12/21/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/30/2023	Telephone: 602-771-4411
Date Made Active in Reports: 06/12/2023	Last EDR Contact: 06/21/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 09/08/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/09/2022	Telephone: 602-771-4401
Date Made Active in Reports: 12/08/2022	Last EDR Contact: 08/01/2023
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/09/2023
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/13/2023	Telephone: 202-566-2777
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 08/30/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 09/25/2023
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/25/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/25/2023	Telephone: 602-771-4132
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 08/15/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/04/2023
	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: 07/19/2023
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/06/2023
	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

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: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/11/2023
Number of Days to Update: 137	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/27/2023
Number of Days to Update: 176	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/23/2023	Telephone: 202-307-1000
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Clandestine Drug Labs

A listing of drug lab seizures in Arizona.

Date of Government Version: 10/28/2019

Date Data Arrived at EDR: 10/30/2019

Date Made Active in Reports: 12/12/2019

Number of Days to Update: 43

Source: Board of Technical Registration

Telephone: 602-364-4931

Last EDR Contact: 06/13/2023

Next Scheduled EDR Contact: 10/02/2023

Data Release Frequency: Varies

US 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: 05/22/2023

Date Data Arrived at EDR: 05/23/2023

Date Made Active in Reports: 07/10/2023

Number of Days to Update: 48

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 08/21/2023

Next Scheduled EDR Contact: 12/04/2023

Data Release Frequency: Quarterly

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: 06/22/2023

Date Data Arrived at EDR: 07/06/2023

Date Made Active in Reports: 07/24/2023

Number of Days to Update: 18

Source: Environmental Protection Agency

Telephone: 202-564-6023

Last EDR Contact: 08/02/2023

Next Scheduled EDR Contact: 10/09/2023

Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/19/2023

Date Data Arrived at EDR: 03/21/2023

Date Made Active in Reports: 05/30/2023

Number of Days to Update: 70

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Last EDR Contact: 06/20/2023

Next Scheduled EDR Contact: 10/02/2023

Data Release Frequency: Quarterly

SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

Date of Government Version: 11/15/2001

Date Data Arrived at EDR: 06/28/2007

Date Made Active in Reports: 07/24/2007

Number of Days to Update: 26

Source: Department of Environmental Quality

Telephone: 602-771-4153

Last EDR Contact: 08/15/2023

Next Scheduled EDR Contact: 12/04/2023

Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

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: 05/08/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: N/A

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/16/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Every 4 Years

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/18/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

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: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 83

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

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: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 06/12/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023	Source: EPA
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-564-6023
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/13/2023
	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: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/07/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Annually

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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Quarterly

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: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 03/15/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/21/2023	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 07/12/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/30/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 05/25/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/11/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/28/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/11/2023
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/13/2023
	Data Release Frequency: Varies

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: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 06/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/09/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

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: 03/31/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Biennially

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: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/18/2023
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: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/25/2023
Date Data Arrived at EDR: 03/31/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 07/06/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/23/2023
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/15/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023	Source: EPA
Date Data Arrived at EDR: 05/17/2023	Telephone: 800-385-6164
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 08/15/2023
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/27/2023
	Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/07/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/08/2023	Telephone: 703-603-8895
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 1	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 71	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 07/19/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 11/06/2023
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 07/05/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/16/2023
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Listing

Arizona's Public Water System Screening for Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Final Report. The purpose of the grant was to screen Public Water System (PWS) drinking water wells in Arizona potentially impacted by perfluorooctanoic acid (PFOA) and/or perfluorooctane sulfonate (PFOS) contamination.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 05/03/2022
Date Made Active in Reports: 07/20/2022
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-364-3118
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AQUEOUS FOAM: Aqueous Film Forming Foam Listing

When AFFF is used, discharged or released to the environment, containment and cleanup may be required to prevent future adverse health or environmental impacts.

Date of Government Version: 11/14/2020
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 602-771-6145
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 06/21/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 07/11/2023
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 602-771-2344
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

AQUIFER: Aquifer Protection Permits List

Facilities with an Aquifer Protection permit (APP), that discharges either directly to an aquifer or to the land surface or the vadose zone in such a manner that there is a reasonable probability that the pollutant will reach an aquifer.

Date of Government Version: 05/09/2023
Date Data Arrived at EDR: 05/10/2023
Date Made Active in Reports: 08/07/2023
Number of Days to Update: 89

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Semi-Annually

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: 03/31/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/04/2023
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: 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: 06/10/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 08/20/2019
Number of Days to Update: 68

Source: Department of Environmental Quality
Telephone: 602-771-4686
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Arizona.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 07/20/2020
Date Made Active in Reports: 10/07/2020
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 602-771-4335
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMAP: All Places of Interest Listing

A listing of all places of interest to the Department of Environmental Quality, including air, waste and water sites.

Date of Government Version: 09/08/2022
Date Data Arrived at EDR: 09/13/2022
Date Made Active in Reports: 11/28/2022
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 602-771-4380
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

ENF: Enforcement and Violation Listing

A listing of enforcement and violation cases in the state of Arizona.

Date of Government Version: 04/21/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/19/2023
Number of Days to Update: 84

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 09/30/2022
Date Data Arrived at EDR: 10/05/2022
Date Made Active in Reports: 10/26/2022
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 602-771-4258
Last EDR Contact: 06/13/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

AZ MANIFEST: Manifest Information

Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/15/2021
Date Made Active in Reports: 09/09/2021
Number of Days to Update: 86

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/06/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Annually

NPDES: Notice of Intent Construction Stormwater General Permits Database

NPDES permit sites

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/20/2023
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

VAPOR: Vapor Intrusion

A listing of vapor intrusion site locations

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/09/2021
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-771-4197
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

Underground injection control wells.

Date of Government Version: 09/30/2015
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 60

Source: Arizona Geological Survey
Telephone: 520-770-3500
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

Date of Government Version: 07/09/2012
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 45

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: No Update Planned

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: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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