1.0 Introduction

The proposed Hawthorne Mount Pocono Resort with the proposed Strickland Resorts redevelopment is located on a previously developed 244.6+ acre tracts in Paradise and Pocono Township, Monroe County, Pennsylvania. The proposed development will be a resort style development with a hotel (94 rooms), restaurants (3), rooming houses (150 cabins), mixed use building housing professional, medical, retail, 85,000 sf of retail buildings, recreation facilities, and banquet center with community pools, Figure 1. Based on information provided by Mr. Mike Gable, PE with LVL Engineering Group, the project will have a peak daily water demand of 60,500 gpd with an average daily demand of approximately 39,757 gpd (LVL Engineers – 10/2022).

The proposed project will have more than 15 service connections and regularly serve at least 25 individuals daily for at least 60 days out of the year. Therefore, the system would be classified as a **public water supply**. The project site will NOT have year-round residents or long-term monthly rentals and therefore, as proposed, the new groundwater source would be part of a **"non-transient non-community water supply"**. The water availability analysis and pre-drilling plan was prepared assuming the project would be classified as a **"non-transient non-community water supply"**.

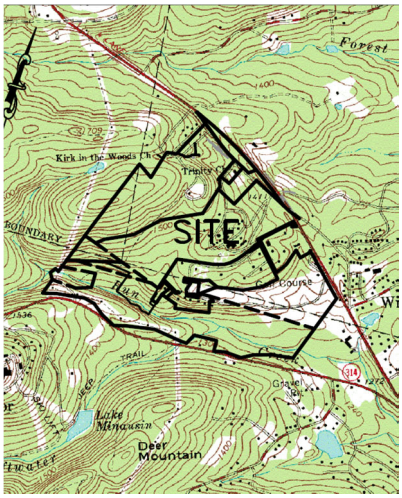

Figure 1. Project Site.

APPLICANT 11a

Under this criteria, the public water supply system would require approval by the PADEP and others to site, develop, construct, and operate a new system and the system would be sized to meet peak daily demand of 60,500 gpd (42.01 gpm). The system will need to consider the installation of at least 2 productions wells (1-primary and 1- backup well), plus adequate storage and pretreatment of the water to meet PA and EPA Drinking Water Standards. The minimum level of water treatment would be corrosion control and disinfection and mostly likely the wells would not operate simultaneously, but would alternate in operation. Since the project does not have a consumptive water use or a proposed withdrawal of 100,000 gpd, the project should not require a Delaware River Basin Approval (DRBC) or docket. For this reason, the predrilling plan and aquifer testing plan will be submitted to the PADEP for review and approval. B.F. Environmental Consultants, Inc. contacted both Paradise and Pocono Township and both local agencies would require the project to obtain a water well permit prior to drilling any on-site water wells if a well was drilled in their respective boundaries. In order to proceed with the initial test drilling and site specific assessments, the project will need to obtain local drilling permits from Paradise Township, plus obtaining PADEP approval for the "Predrilling Plan and Aquifer Testing Plan for the Project". Following the test drilling and aquifer assessment, the project will be required to submit an application with appropriate modules, hydrogeological report, and an engineering design of the system to obtain an construction permit. Upon completing the construction, the system would be inspected by the PADEP and ultimately received an operational permit.

2.0 Watershed

The project site is located in the watershed area for the Delaware River. Locally, the project site is primarily within the Indian Run subwatershed that drains to Swiftwater Creek which then merges with Forest Hills to form Paradise Creek. Paradise Creek flows to the southeast into the Brodhead Creek and ultimately the Delaware River.

The Indian Run and the Swiftwater subwatersheds are classified as "EV stream and Migratory Fishery" (PAStreamStats, 2022), **Figure 2.**

At the point where "Swiftwater Creek" intersects with Route 314, i.e., Latitude 41.09801 N, Longitude -75.33372 W, the stream has a watershed area of 5.91 mi^2 or 3782.4 acres. The watershed has an annual withdrawal of about 0.085 million gallons per day with about 0.015 million gallons of water returned to the watershed (PAStreamstats, 2022). Most of the water is withdrawn for public water supply use or as irrigation water. This watershed area has a mean annual average

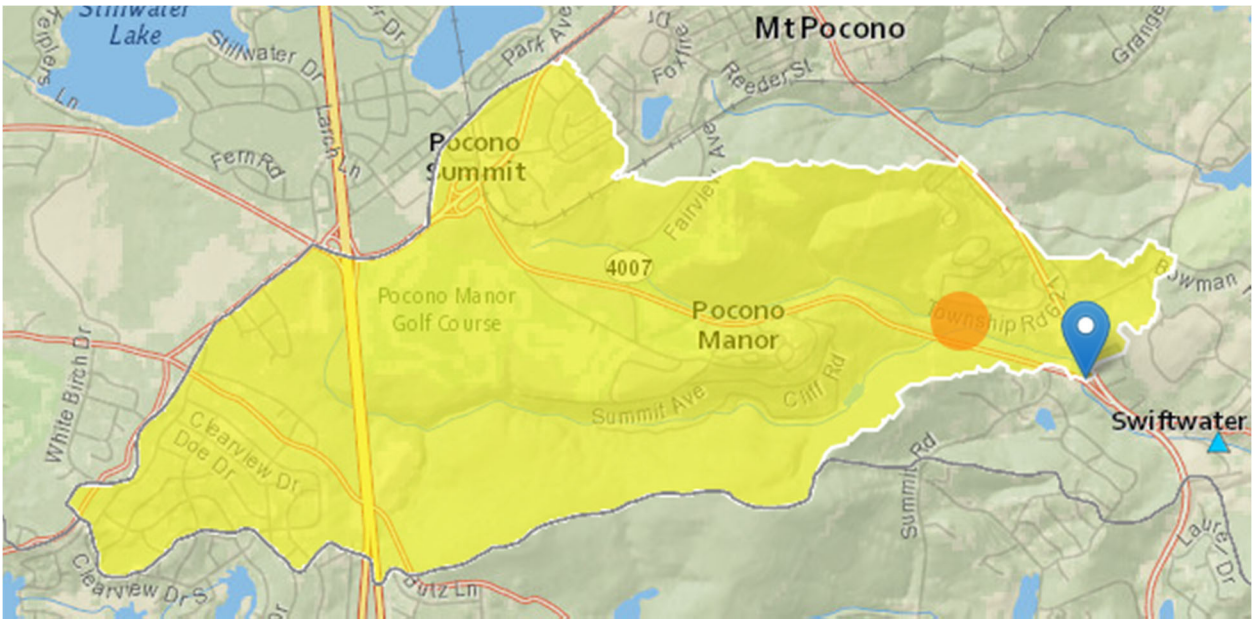

Figure 2. Watershed Area.

(Note: "This is a BASIN delineation of the watershed."

daily flow of 12.2 ft^3/second (2084 gpd/acres), baseflow with a 25-year recurrence interval of 4.48 ft^3/second (765 gpd/acre), and a $Q_{7/10}$ flow of 0.258 ft^3/second (44.09 gpd/acre).

Based on a project area of 244.6 acres, the estimated contribution of the project site to the local water budget:

Average Daily Contribution (Project Site Only): 509,943.7 gpd

Baseflow Daily Contribution (Project Site Only): 187,258.0 gpd

60% of Baseflow Daily Flow (Project Site Only): 112,354.8 gpd
60% of Baseflow Daily Flow (Watershed, less existing water withdrawal in the watershed): 1,686,411 gpd (Source: PAStreamStats, 2022)

$Q_{7/10}$ Basin Daily Flow(Watershed): 166,114 gpd
$Q_{7/10}$ Basin Daily Flow (10%)(Watershed) : 16,611.4 gpd
$Q_{7/10}$ **Project Area** Conceptual Daily Flow: 10,742.3 gpd

The proposed project average (39,757 gpd) and peak day withdraw of (60,500 gpd) withdrawal does not exceed 60 % of the available baseflow for the project area or the watershed area, but it does exceed 10% of the $Q_{7/10}$ flow for the basin. Therefore, the proposed well field should provide adequate water without groundwater mining, but it would be necessary to determine if the proposed well field is directly connected to a local groundwater discharge zones and surface waters associated with these zones. This evaluation will be conducted at part of the "Aquifer Testing and Assessment Plan for the project". The plan is reviewed and approved by the PADEP prior to drilling the wells, during the assessment process, and then following the results are reviewed by the PADEP. Since the project is proposing the implementation of a land-based wastewater management system and will be required to infiltrate stormwater runoff, the influence on wetlands and surface water systems should be not measurable. At this point in our assessment, we do not foresee any adverse or measurable impacts or influences on the surrounding wetlands, surface water features, or existing groundwater withdrawals.

3.0 Geology

The project site is located in the Glaciated Low Plateau Section of the Appalachian Plateaus Provinces. The area was glaciated during the most recent Wisconsinan Glacial advance. The landform consists of "broad, undulatory ("wavy") upland surfaces having dissected margins" with a deranged drainage patterns with low to moderate relief. The geological units strike to the northeast and dip 5 to 12 ° to the north, which creates a monoclonal structure. Superimposed on this structure is some localized folding that plunges to the southwest. The available mapping suggests there is an anticline that bisects the northern portion of the site and a syncline that bisects the central portion of the project site, F**igure 3.** The primary bedrock units in this region include sandstone, siltstone, shale, and conglomerate with a thin veneer of glacial fluvial, fluvial, or glacial till deposits.

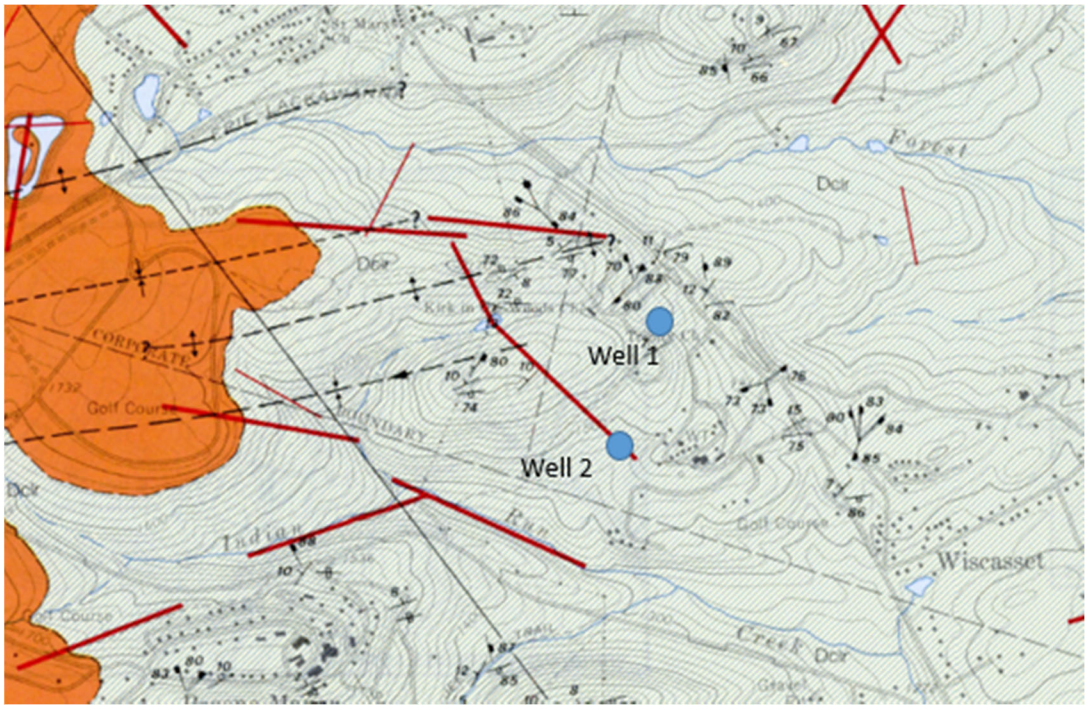

Figure 3. Bedrock Structural Data (Source: Berg, T. et al., (1977), "Bedrock Geologic Map of the Pocono Pines and Mount Pocono Quadrangles, Monroe County, Pennsylvania", Atlas 204cd.)

3.1 Unconsolidated (Surficial)

The unconsolidated material at the project site is likely a mixture of glacial till/moraine (Qwgm), residual soils (br), alluvium (Qal), alluvial-colluvium deposits (Qac), and ice contact stratified drift (Qwic), **Figure 4.** The deposits range in thickness from a few inches to greater than 150 feet. For the bulk of the parcel, the unconsolidated deposits are mapped as "br", but isolated sections are mapped as ground moraine or mixed alluvial-colluvium with a thickness of 30 to 40 feet. Therefore, the thickness of the unconsolidated material at the proposed drilling sites may range from < 6 feet to over 40 feet (Berg, T., et al., (1977)) and the unconsolidated materials will be typical of colluvium and glacial till, i.e., Qac and Qwgm. These deposits may have a water bearing zone at the contact with the consolidated material (bedrock), but these deposits are not typically suitable aquifers because they are vulnerable to localized disturbance. The unconsolidated material may have a water bearing zone or an aquifer, but this aquifer is very vulnerable to contamination and influence and therefore the project is not proposing to use the water in the unconsolidated aquifer as a potable water source.

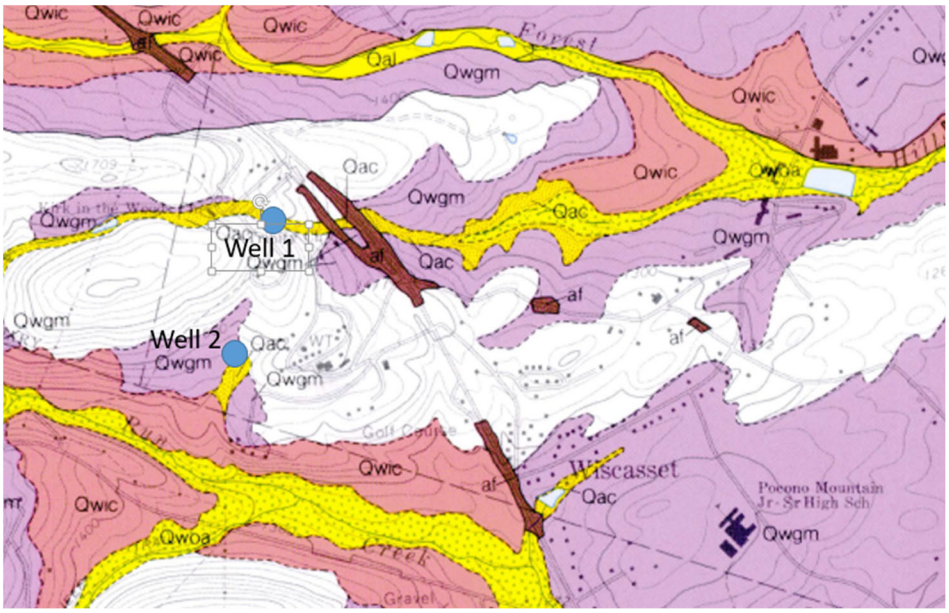

Figure 4. Surficial Geological Deposits. (Source: Berg, T. et al., (1977), "Bedrock Geologic Map of the Pocono Pines and Mount Pocono Quadrangles, Monroe County, Pennsylvania", Atlas 204cd.)

3.2 Consolidated

The consolidated material is mapped as being part of the Long Run Member to the Catskill Formation and from the Devonian Age or 300 to 400 million years ago. The formation is a series of clastic sedimentary layers that range from mudstone to sandstone associated with a river delta, i.e., a deltaic sequence. "The Long Run Member of the Catskill Formation consists of typically cyclic, fine- to medium-grained, olive-gray sandstones grading upward into finer grained grayish-red-purple sandstones, then up into grayish-red siltstones, and then into massive grayish-red shales and mudstones. The unit is well-bedded, and the sandstones generally have planar bedding. The bases of some sandstone sequences contain lenses of calcium carbonate cement, shale chips, and quartz pebbles. The sandstone is thick to slabby, and in places it is flaggy. The siltstone and shale are hackly and rubbly. The maximum thickness of this formation is approximately 3,175 feet", but the formation ranges in thickness from 2360 to 3500 feet (Sevon, W., 1975; Geyer and Wilshusen, 1982; Carswell, L.D, e.t.al 1979). The local bedrock as a strike of N67E and a dip of 10 to 17° W (Royal Nadeau et. al, 1987), **Figure 5.**

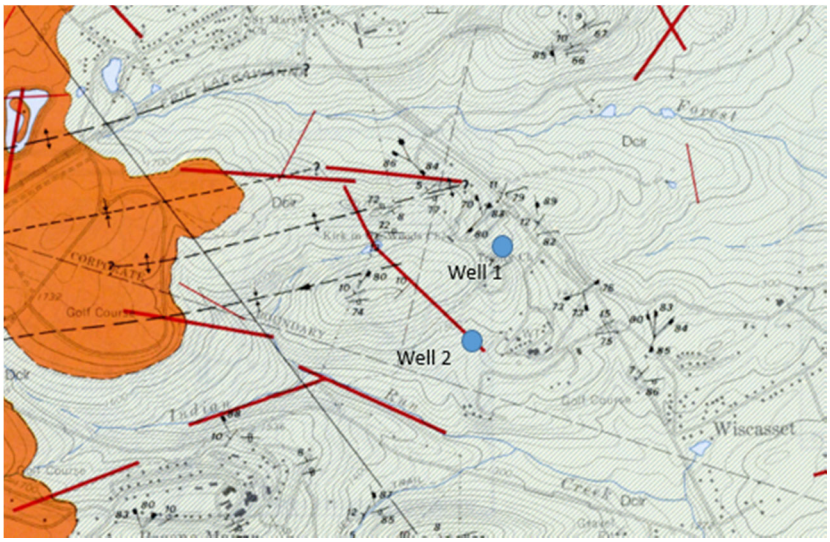

Figure 5. Consolidated Material – Dclr "Catskill Formation – Long Run Member". (Source: Berg, T. et al., (1977), "Bedrock Geologic Map of the Pocono Pines and Mount Pocono Quadrangles, Monroe County, Pennsylvania", Atlas 204cd.)

To ensure the integrity of the proposed regulatory public water supply system, the primary recommendations for the well construction are as follows:

1. The wells maybe be double cased. If necessary, the first steel casing would extend to or slightly into the consolidated material and driven into the upper contact with the competent consolidated material to seal-off any unconsolidated aquifer. This casing must have a harden steel driveshoe and if possible the annular space would pressure grouted.

2. A second well steel casing with harden driveshoe should extended at least 100 feet below grade or 60 feet into component bedrock, whichever is greater, driven into the formation, and the annular space will need to be at least 1.5 inch and pressure grouted.

4.0 Existing Wells

Reportedly, water wells in the Long Run Formation have a specific capacity that ranges from 0.03 to 1.0 gpm per foot of drawdown and well yields that up to 100 gpm. The water from the Catskill Formation tends to be soft, slightly corrosive, and may have elevated levels of iron and manganese.

From the PAGWIS database, we identified seven wells within a 0.5 mile radius of Well # 1. From Table 1A, the depth of these wells range from 180 to 499 feet and the well yields range from 1 to 20 gpm with an average yield of 6.7 gpm or 9,668 gpd. The static water level in the wells range from 30 to 117 feet top of casing (toc) and the depth of the protective casing ranges from 20 to 140 feet below grade.

From the PAGWIS database, we identified six wells within a 0.5 mile radius of Well # 2. From Table 1B, the depth of these wells range from 180 to 499 feet and the well yields range from 4 to 15 gpm with an average yield of 9 gpm or 12,960 gpd. The static water level in the wells range from 40 to 117 feet top of casing (toc) and the depth of the protective casing ranges from 20 to 81 feet below grade.

Table 1A. Available Well Data from
PaGWIS Database (Within 0.5 mile Radius)for Well 1.

PAWellID	Depth (feet)	Depth Casing (feet)	Yield (gpm)	Static Water Level (toc) (feet)
515506	181	60	1	30
515502	161	140	1	30
207764	499	63	6	117
207107	450	63	5	na
207102	170	92	20	36
207100	180	58	4	105
207067	300	20	10	40

*SWL- non-pumping water level of the well.

The "EDR Radius Map Report" that was prepared for the project site identified up to six wells within a half-mile of the project site, see Table 2 and Appendix A. Comparing the two tables, it appears that PAGWIS 203004 and 202971 (Table 2) may actually be the same as PAWell ID 207100 and 207067 (Table 1a) respectively. Therefore, there appears to be at least 14 wells within 0.5 mile radius of the project site. These eleven wells ranged in depth from 161 to 499 feet with yields from 1 to 20 gpm.

Table 1B. Available Well Data from
PaGWIS Database (Within 0.5 mile Radius)for Well 2.

PAWellID	Depth (feet)	Depth Casing (feet)	Yield (gpm)	Static Water Level (toc) (feet)
259309	300	72	12	107
207898	300	81	7	80
207764	499	63	6	117
207581	275	63	15	95
207100	180	58	4	105
207067	300	20	10	40

*SWL- non-pumping water level of the well.

Table 2. Private Wells Identified in the EDR Radius Map Report.

PA GWIS	Depth (feet)	Depth To Bedrock (feet)	Yield (gpm)	Static Water Level (toc) (feet)
203004 (1)	180	56	4	105
203668 (2)	499	55	6 to 10	117
203802 (3)	300	62	7	80
202971 (4)*	300	10	10	40
203485 (5)	275	48	15	95
221842 (6)*	300	47	12	107

Note: Location is noted as Wiscaset.

When the "eMapPA" system was queried, the database suggested that there were two wells located on the project site (PaGWIS ID: 203006 and PaGWIS ID: 202971). When this data was compared to the data presented in Table 1, the well identified as PaGWIS ID: 203006 was actually PAWell ID: 207102 and PaGWIS ID: 202971 was actually reported in Table 1a as PaGWIS ID: 207067 in both of the previous data searches and therefore no additional private wells were identified. From a site visit, there are a number of private wells along Montanesa Road, at least 4 on-site historic water wells, private wells off Trinity Hill Road, and likely private wells along Wiscasset Road.

For the 4 known historic on-site water wells, these wells will be geolocated and camera survey/inspected. The on-site wells will be used in the initial hydrogeological characterization of the site and following inspection these wells be stabilized and converted to monitoring wells that will be used in the aquifer testing plan. For the off-site private wells, the proposed aquifer testing plan will require the project to contact adjacent property owners to obtain permission to document the well location, static / dynamic water level, general water quality, and obtain permission to monitors these wells during the aquifer assessment. This outreach will occur after the PADEP has approved the aquifer testing plan for the project. In addition to private wells, the project is adjacent to the Mt Pocono

Spray Irrigation system. The project will contact the Authority and attempt to gain permission to monitor one or more of these on-site monitoring wells as part of this aquifer assessments. From a review of the PADEP "Drinking Water Reporting System", the Hawthorne Resort, was reportedly regulated by the PADEP as a **"transient non-community system"** with a PWSID number of 2451129 reportedly the system was serviced by a spring, called "WISCASSET SPRING" possibly along Indian Run and an on-site well and the well had a reported capacity of 46,000 gpd. For Sticklands / Stricklands Main Lodge, the PADEP regulated the facility as both a non-transient and a transient non-community system using the following PWSID Numbers 2450676, 2451130, 2451131, 2451132, and 2451134 and the system had a total of 9 wells with 1 well abandon. The wells ranged in depth from 80 to 297 feet and reportedly the Main Lodge well had a capacity of 47,000 gpd, but no yield information is available for the other wells that were not abandon.

5.0 Groundwater Availability

Currently, the parcel has remnants of a previous development, but most of the site appears to be a combination of a woodland/ dense brush vegetation with steep slopes and exposed bedrock with some remnants of the previous develop. *As proposed,* ***the project would be classified as a "public water supply",*** *but as a* **"non-transient non-community water supply system"** ***using on-site groundwater wells.*** *At this time, the sewage produced from the project will be managed using a land-based* sewage management that will be located on the parcel. Therefore, the analysis of the **groundwater availability will not be based on a consumptive use analysis.**

As proposed, the development would have an average drinking water daily demand that would be equivalent to 39,757 gpd (27.61 gpm (24 hour pump period)) and a potential peak withdrawal of 60,500 gpd (42.01 gpm (24 hour pump period)). Because the proposed drinking water system will be regulated as a **"non-transient non-community water supply"**, the permitting process will require the development to

demonstrate that the proposed system can provide peak daily demands without having an adverse impact on other users in the vicinity of the project or the environment.

Regionally, the mean annual precipitation is 45.45 acre-inches for the Brodhead Creek Watershed and the estimated evapotranspiration rate for the region is 22 acre-inches (B.F. Environmental Consultants, Inc, 2021). Published data indicates the normal groundwater recharge rate is 20.9 to 24.2 acre-inches per year (Station: 01440400 Brodhead Creek Analomink) (Risser, D.W., et. al., "Estimates of Ground-Water Recharge Based on Streamflow-Hydrograph Methods: Pennsylvania", USGS, 2005), but the recharge rates for the region range from 17.6 to 20.8 acre-inches (Reese, S. and Risser, D, "Summary of Groundwater Estimates for Pennsylvania", USGS, 2010). The average recharge rate is 19.9 acre-inches per year or 1480 gpd/acre and the lowest estimated value is 17.6 acre-inches per year or **1309 gpd/acre**.

The 25-year baseflow is commonly used to estimate to estimate the local groundwater recharge rate with a goal of establishing a sustainable yield that maintains the baseflow in the stream and the associated instream quality and habitat. Using the USGS PAStreamstats Web Tool, the weighted average 25-year baseflow rate for this area is 0.001184 $ft^3/s/acre$ or 4.48 ft^3/s /3782.4 acres. Using the 25-Year recurrence value of 0.001184 $ft^3/acre$, a project site with a 244.6 acre surface area would have a combined long-term recharge rate of 0.2897 $ft^3/second$ or 187,258 gpd or **765.6 gpd/acre** (PAStreamStats, PA Water Science Center, September 2021).

Since the site is located within the headwaters of the watershed, the groundwater recharge rate based on the baseflow for the second order streams in the headwaters would provide a more conservative estimate of long-term local baseflow, i.e., long-term groundwater recharge rate, and provide a more conservative analysis into the potential for impacts or influence on a the local stream/ wetland complex.

Therefore for this assessment, we will use the **lower and more conservative normal year groundwater recharge rate of 765.6 gpd/acre (10.28 acre-inches per year)** and not the higher mean regional rate of 1309 to 1480 gpd/acre (17.6 to 19.9 acre-inches per year).

At present, the 244.6 acre parcel has 2.90 acres of man-made impervious area (Source: LVL Engineers – 2/2023), but it appears that most of the impervious redirects the water to forested/natural areas that appear to facilitate the recharge of the water. Therefore, the pre-development natural groundwater recharge rate of 765.6 gpd/acre is equivalent to site groundwater recharge rate of **185,037.9 gpd ((244.6 acre – 2.90 acre) * 765.6 gpd/acre).**

Post-development the parcel will have 209.48 acres of pervious area and 35.12 acres of impervious area (Source: LVL Engineers – 2/2023). The project engineer is projecting the stormwater management system will need to manage/ recharge the equivalent of 70,000 gallons of water per design storm (Source: LVL Engineers – 2/2023). Assuming only 50% of the stormwater recharges into the deeper groundwater aquifer, the stormwater recharge would increase the site-specific recharge volume by 143.09 gallon/acre/storm or 35,000 gallons per design storm or 95.0 gpd for the project site. Assuming only 1 design storm per year, the post-development normal year recharge, plus artificial recharge rate, would be 160,472 gpd ((244.6 – 35.12)* 765.6 gpd/acre + 95 gpd). The project is proposing a maximum daily withdrawal of 60,500 gpd, which is equivalent to 37 % the post-construction groundwater recharge rate. **Based on this analysis, the pre-development and post-development normal year recharge rate exceeds the anticipated average daily demand and peak daily demand. Therefore, no groundwater mining or adverse impacts to the groundwater system are anticipated. Since the project will be recharging the treated wastewater generated by the project, the project as proposed should not have any significant or adverse impact on regional groundwater recharge rates.**

6.0 Proposed Well Field

As part of this assessment, we have identified two unique potential wells sites for the project. During the initial phase of the project, the project will develop at least one well at each well site. Based on anticipated yield and peak water need, we are currently anticipating that the wells would not operate simultaneously, but would alternate in operation. Based on the available data, it is possible that only one well field is needed for this project, but additional drilling sites have been outlined in the predrilling plan / sanitary survey, see Well Inventory Map (Exhibit 12). In the future, it is possible that a second well may be drilled at each well site to provide a backup water source in case of emergencies.

Well Field Site # 1:

This is located in the northern eastern portion of the project site near the historic entrance for the existing on-site residential home. In this area, we are proposing one – 8 inch production consolidated aquifer or bedrock aquifer water wells with a maximum depth of 500 feet. The well appears to be side slope of the proposed wastewater management area (Area I and Area II), see Well Inventory Map (Exhibit 12). The well will most likely have two strings of grouted steel casing with a driveshoe and the final outer casing will be finished with a sanitary well cap and a WellSeal™. In this area there are some mapped wetland areas, but nearest wetland is 118 feet from the proposed well and the proposed well is 205 feet from a proposed stormwater management basin. Based on a walk-over of the area, the wetland appears to be associated with a perched water table condition and not a regional discharge zone or groundwater table.

Well Site # 1 A: 41° 06’ 37.29” -75° 20’ 43.52”

The issue of the local wetland and stormwater management basin will be addressed by a combination of the following: extending steel protective casing further into bedrock, monitoring wetland during

aquifer testing, potentially installing an unconsolidated material monitoring well if water is present the unconsolidated formation, and it will be necessary to install at least one observation/monitoring well between the proposed well site and the proposed wastewater management area (Area I and Area II).

Well Field Site # 2

This is located in the southwestern portion of the project site. The proposed well site is either downgradient (Area I and Area II) or side slope (Area III) and over 800 feet from the proposed drip irrigation system and over 300 feet from a proposed stormwater management system. In this area, we are proposing one – 8 inch production consolidated aquifer or bedrock aquifer water wells with a maximum depth of 500 feet. This proposed well site appears to be near the historic well site for the former Hawthorne Inn. The well will most likely have two strings of grouted steel casing with a driveshoe and the final outer casing will be finished with a sanitary well cap and a WellSeal™.

Well Site # 2 A: 41° 06’ 20.90” -75° 20’ 47.63”

The issue of the local wetland and stormwater management basin will be addressed by a combination of the following: extending steel protective casing further into bedrock, potentially installing an unconsolidated material monitoring well if water is present the unconsolidated formation, and it will be necessary to install multiple observation/monitoring wells between the proposed well site and the proposed wastewater management area (Area I, Area II, and Area III).

7.0 Hazards

A “Neighborhood Hazard Report” was prepared for this project, see Appendix A. The report did not locate any known or geolocated hazards within 300 feet of the boundary, indicated the site was not located within the floodplain, and indicates there are no NWSI Wetlands mapped for the parcel. We have reviewed the results of the “EDR Radius Map Report with Geocheck” that was prepared by EDR, at our

request, for this project, see Appendix A. The EDR Radius Map Report identified three historic hazards:

Map ID: 1 – Mt. Airy Casino and Res - LUST (Leaky Underground Storage Tank) and AST (PA Regulated Above Ground Storage Tank). (Distance 2801 feet- West South West (East) - Downgradient)

Map ID: A2 – Pocono Manor Inn & G - VCP, Archive UST (Archived Underground Storage Tank), Archive AST (Archived Above Ground Storage Tank). (Distance 2883 feet- West South West (WSW))

Map ID: A3 – Pocono Manor Inn & R – VCP (Voluntary Clean Up Site) (Distance 2945 feet- West South West (WSW))

Based on the report, it appears all sites have been "cleaned" up and in compliance.

Based on a general walk-over of the site, there did not appear to be any significant hazards. The site has some abandon on-lot septic systems that need to be located, old buildings, and some on-site debris that needs to be characterized and removed. Based on available data, there are no known hazards within the general vicinity of the proposed water wells or observed on site.

Future hazards, the project is proposing to use on-lot wastewater disposal systems. The current location and design of the system has not been finalized and the relationship between the proposed systems and on-site well field will be evaluated as part of the planning and approval process, which will include a detailed hydrological characterization of the property. Currently, the proposed on-site wastewater disposal system will be a drip irrigation system that will include pretreatment of the applied wastewater that will likely include disinfection. As proposed, it does not appear that any of the proposed wells sites are within 300 feet of the proposed drip irrigation. The proposed project will likely be utilizing stormwater recharge system to recharge a portion of the project runoff, i.e., the net different between the pre-development and post-development runoff, as calculated for the 2-year storm. At this point, it appears that none of the proposed well sites are located within 200 feet of a proposed stormwater infiltration system.

8.0 Wetlands

We reviewed the NWIS wetlands inventory mapping and there does not appear to be any known wetlands on the property or within the general vicinity of the site that is part of this database (Source: Searched June 30, 2022, https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/). From the available onsite assessments, there are some isolated wetlands located in the northern portion of the property located in the vicinity of Well Site #1, but it appears that the proposed well site is 118 feet from this suspected wetland areas, see Applicant Exhibit 12.

9.0 Drilling Specifications (Proposed Production Well)

The proposed water well will be constructed to meet PADEP requirements for public water supply wells. We contacted the local agency and we were informed that drilling permits will be needed in Paradise and Pocono Township. Since the proposed drilling sites are in Paradise Township, the project will attempt to obtain these permits after the PADEP has approved the predrilling plan for the project. The project is proposing to drill a number of 6-inch tests wells that would ultimately be converted into an 8-inch PADEP approved production well. The drilling method will be air-rotary. The test will be used to document the subsurface conditions, develop a site-specific well construction approach, depth to each water bearing zone, thickness of the unconsolidated material, bedrock type and characteristics, stability of the borehole, and general water quality of the aquifer. We anticipate the new test well to have a maximum depth of 500 feet.

Upon completion of this test well, we anticipate reaming out the existing borehole so the upper terminus has a diameter of at least 15+ inches so a properly grouted 8-inch steel casing with harden steel driveshoe can be centered in to the borehole, driven into the bedrock, and pressure grouted in place. The minimum thickness of grout will be 1.5 inch. The depth of the steel casing will be at least 100 feet below proposed finish grade or at least 60 feet into firm competent

bedrock, whichever is greater. The actual depth of the protective casing will be based on the on-site conditions as determined by the project geologist during the test drilling phase of the project.

The casing will extend at least 18 inches above existing or finish grade whichever is higher. The 8-inch diameter steel casing will meet the standard for PADEP regulated wells and the casing will be fitted with a harden driveshoe set centered into the borehole and driven into the formation. Because of the potential for the groundwater to be corrosive, the steel casing must be "USA Made Steel" that meets or exceeds the PADEP Well Construction Standards (Public Water Supply Manual Part II, Effective May 6, 2006). An 8-inch diameter casing with a hardened driveshoe will be installed and centered in the borehole, driven into place, and the annular space will be pressure grouted from the bottom up. The grouted area around **the perimeter of the steel casing**, **i.e.**, **the annulus**, will have a thickness of at least 1.5 inches.

To attempt to maintain a "straight" hole, the driller will use a stabilizing rod that is at least 10 feet long or longer during the drilling process and the driller will conduct a plumbness test as part of the well completion. The 8-inch steel casings must meet or exceed the minimum specifications provided by the PADEP and AWWA and will be installed in the center of the borehole. The casing will be new, standard weight, black, nominal diameter, welded carbon steel pipe conforming to current specifications of the API for line pipe and also following state public water supply requirements for thickness (minimum thickness of 0.25 inches) and quality conforming to ASTM A53 or ASTM A139 (AWWA A100-90 and Community System Design Standards Public Water Supply Manual- Part II –May 6, 2006). The casing will be fitted with a SAE steel ring harden driveshoe. The casing should have threaded pipe joints or be full circumferential welded.

Therefore, the anticipated final well construction:

a. 100+ feet – 15+-inch air rotary drilling using stabilizing rod (s) and install 8-inch steel casing with harden driveshoe with centralizers or guides if needed (pressure grout annular space);

b. Up to 400 feet of additional 8-inch air rotary drilling or a final depth of 500 feet;
c. Casing with centralizers and annular space grouted – specifications provided in the "Grouting" section of this document.

The proposed drilling technique will be air-rotary and the only approved drilling fluid is air and potable water. Initially, a diverter may be used to control the cuttings and drilling fluids. During the drilling, the cuttings will be diverted to lined area surrounded by hay bales and then pumped to one or more filter bags. The bags will be replaced as needed and surrounded by hay bales to prevent erosion or sediment from leaving the site, see PADEP Erosion Control Fact Sheet 3800-FS-DEP2685 7/2001 and as per the recommended E&S control measures that have been specifically selected by the project engineer for this project, see Appendix B.

The driller will collect geological samples every 5 feet or observable change in the underlying material. The samples will be put into labeled containers. The label will have the date, wellbore number, and depth. The driller will maintain a detailed well log. The log will include a description of the material (color, texture, hardness, and mineralogy), drilling rate, yield of each water-bearing zone, and static water level. The driller's log will also include the depth at which each change in the formation occurs, water level at the beginning of each day, rate of penetration, final well depth, and any other relevant observations, such as aesthetic issues or unstable conditions.

During the drilling phase, the driller will provide all necessary erosion and sediment pollution controls depending on the site location, well yield, and site conditions, see PADEP Erosion Control Fact Sheet 3800-FS-DEP2685 7/2001 and as directed by the E&S Plan for the project. The cuttings from the well will be disposed on-site and the only drilling fluid will be potable water. The driller will use

biodegradable or green lubricants on all surfaces that are directly or indirectly in contact with the formation, borehole, or water. The driller will also protect the site by laying down a plastic barrier under the drilling rigging.

9.1 Grouting

The grout will be a neat cement grout and the grout will have a minimum thickness of 1.5 inches around the outside perimeter of the steel casing. The grout will be added from the bottom up using a tremie rod and grout pump. The grout placement will be consistent with Section III, D, 3, h, (1) of the Public Water Supply Manual – Part II (May 6, 2006). The entire annular space will be grouted from the bottom of the annular space to the anticipated depth of the pitless adapter in one continuous operation (NOTE 1).

Note 1: Neat Cement Grout – Grout shall consist of a mixture of API Class G (or Class B similar to ASTM C150 Type II) and water in the ratio of 0.67 cubic feet of water per 94 lb. sack weighing approximately 118 lbs/cubic foot. The grout mixture will contain a maximum of 6 % bentonite. A bentonite grout will not be permitted and the project geologist **must** be on-site to confirm the determination of final casing placement and oversee grouting process. **After grouting, the well will not be disturbed for 72 hours.**

9.2 Alignment

A plumbness and alignment test will be conducted. The testing will be conducted in accordance with AWWA's Standard for Water Wells. As stipulated in the standard, a 40-foot section of pipe or rigid dummy of the same length, having an outside diameter of not more than one-half inch less than the inside diameter of the well casing or hole being tested should move freely throughout the length of the well casing and hole to the lowest anticipated pump setting (Section III, D, 3, a of the Public Water Supply Manual Part II, May 6, 2006). The lowest anticipated pump setting is 20 feet off the base of the well.

9.3 Well Development

Following well drilling and construction, the well be pumped and surged to remove well cuttings, earthen material and other debris, and to improve the conductivity between the borehole wall and the aquifer. The approved well development techniques include surging, zone hydrofracturing, jetting, air lifting, and/or well purging. **Foaming or chemical additives other than approved disinfectants will not be permitted**. The minimum length of time for well development will be 4 hours and the field measured turbidity of the water must be less than 1 ntu after the well has been developed and purged. If the turbidity is greater than 1 ntu after 4 hours of purging, it will be necessary to continue the purging/development process until the turbidity is reduce to 1 ntu. After the initial well development and completion of the well, the well will be shock disinfected and an 8-hour step pumping test will be conducted. At the end of the pumping test, a bacterial screening and general water quality sample will be collected and evaluated. Following the 8-hour step aquifer testing, the well will be permitted to recover for a period of at least 48 hours before conducting any additional testing or assessments and then a 48-hour constant rate pumping test and a recovery test will be conducted. Prior to conducting the pumping test, we will obtain approval for the point of the temporary discharge by sending specific information to PADEP Clean Water Program, Ms. Amy Bellanca, PE (abellanca@pa.gov)

9.4 Aquifer Test

Since this proposed development will likely be classified as a **non-transient non-community system** and operated in a manner similar to a "resort/hotel", the PADEP will likely require a 24 hour constant rate test for each well and a 95% recovery test. For this project we are recommending that a 48-hour constant rate aquifer test be conducted, we will recommend that the well be shock disinfected and purged and an 8-hour step-drawdown test be conducted prior to conducting the 48-hour constant rate test. This is being done to improve well performance, provide a better estimate of the safe yield for the well fields,

evaluate the effectiveness of the shock well disinfection, evaluate the influence on surrounding users, and to collect some water quality data on the well. Following the 8-hour step test, the well be permitted to fully recover and the minimum recovery period will be 48-hours. The project geologist must be on-site during critical phases of the aquifer test and approve of the aquifer test schedule. In addition to the aquifer test monitoring, we recommend installing a pressure transducer in this well to monitor the non-pumping conditions that may reflect the influence from the other on-site wells. Prior to conducting the pumping test, we will obtain approval for the point of the temporary discharge by sending specific information to PADEP Clean Water Program, Ms. Amy Bellanca, PE (abellanca@pa.gov)

8-hour Step Drawdown Test

Before conducting the step drawdown test, the proposed production well will be shock disinfected. The disinfection will be conducted using an NSF approved chlorine based disinfectant with an initial residual of over 50 ppm of free chlorine. When the well is purged, the water will be dechlorinated, if needed, prior to discharge to the erosion control system.

Step Testing – The initial step testing will be conducted at a rate of 50% of the anticipated yield, 75 % of the estimated yield, and then 100 % of the estimated yield.

During the step-testing, the water level, totalized flow, instantaneous flow, and chlorine residual will be documented at the following intervals:

Step 1:

1- 10 minutes	reading every minute (water level and flow) or as quickly as possible.
10 – 20 minutes	reading every 2 minutes (water level, totalizer, and instantaneous flow)
20 – 60 minutes	reading every 5 minutes (water level, totalizer, and instantaneous flow)
60 - 90 minutes	reading every 10 minutes (water level, totalizer, and instantaneous flow)

Step 2 and all others:

1- 10 minutes	reading every minute (water level and flow) or as quickly as possible.
10 – 20 minutes	reading every 2 minutes (water level, totalizer, and instantaneous flow)
20 – 60 minutes	reading every 5 minutes (water level, totalizer, and instantaneous flow)
60+ minutes	reading every 10 minutes (water level, totalizer, and instantaneous flow)

*Project Geologists must be on-site during this testing. Chlorine level should be documented at the beginning, middle, and end of each step and the pH, turbidity, conductivity, and temperature must be monitored during the purging process.

The step process will continue until the well has been continuously operated for a total of 8 hours. The first step will be at least 3 hours in duration and all remaining steps will have an interval of at least 2 hours. The water level will be read to the nearest 0.01 feet and referenced from the top of the well casing or other references. With the exception of an Eno Scientific well sounder, a sonic water level sensor will not be permitted. An electronic tape sensor will be permitted as long at the scale on the tape is readable to 0.01 feet and the accuracy of an Eno Scientific well sounder must be checked with an electronic tape sensor. During the step-testing, the dynamic level in the well, totalizer reading, and instantaneous flow will be monitored by the driller and the project will install a pressure transducer.

Temporary erosion control structure will be installed to handle drill cuttings, drilling fluids, and water purged from the well (Appendix B). This structure, as specified by the project engineer, will be designed to retain the drill cuttings and provide a means of filtering the drilling fluids. These structures will be located at or near the wellhead and at the proposed discharge point for the aquifer test of the well. The proposed aquifer test discharge point will be at least 300 feet downgradient from the production well, but at this time the location of the individuals discharge points is not known.

48-hour Constant Rate Test

After the 8-hour step testing has been completed, the well will be allowed to fully recover for a period of at least 48 hours. A 48-hour constant rate test will be conducted to confirm the safe yield for the well and to collect a new source sample. The purpose of this testing is to confirm the conclusions based on the limited step-drawdown analysis. During this testing, the driller will maintain the same control structures used in the 8-hour test.

The other requirements of the testing.

1. The well will be pumped at the estimated safe yield for the well and the test will be started so that the water quality samples could be collected on either a Tuesday (morning) or Wednesday (morning).

2. The discharge point will ultimately be at least 300 feet downgradient of the well. The erosion and sediment control features have been installed and **will be maintained by the site construction contractor.**

3. Assuming the well is 500 feet deep, a pump will be set 20 feet off the bottom of the well, or at a depth of 480 feet. One 1-inch, inside diameter, drop pipes must be attached to the well delivery pipe to permit the documentation of static and dynamic water level so a pressure transducer or electronic tape can be used in one of the drop pipes. The piping should NOT be flexible coil piping, but rigid piping that will extend at least 20 feet above the pump. We are anticipating a pumping rate of 43 gpm.

4. During the pumping test, the driller or project geologist will document the static and dynamic water level, instantaneous pumping rate (accuracy +/- 2.5%), totalizer reading to units of gallons (ones place), and aesthetic water quality of the water.

5. During the constant-rate aquifer test, the water level, instantaneous flow, and totalized flow will be documented manual at the following intervals:

1- 10 minutes	reading every minute (water level and flow)
10 – 30 minutes	reading every 2 to 5 minutes (water level, instantaneous flow)
30 – 60 minutes	reading every 10 minutes (water level, instantaneous flow)
1 – 6 hours	reading every 15 to 30 minutes (water level, instantaneous flow, and totalizer reading)
6 – 24 hours	reading every 30 minutes (water level, instantaneous flow, and totalizer reading)
24 hours+	reading every 2 hour (water level, instantaneous flow, and totalizer reading)

6. We are anticipating that the pumping for the productions wells will be conducted after the monitoring wells for the detailed hydrological study have been installed. These wells will be used as observation wells during the step testing and constant rate test.

At the end of the constant-rate aquifer test, a recovery test will be completed and the recovery monitoring will continue until the proposed production well recovers by at least 95%. If we can not access any existing private wells that are within the general vicinity of the proposed well, i.e., 500 feet, the project is not proposing to install any additional observation wells, other than the monitoring wells associated with the proposed land-based wastewater disposal system and existing on-site water wells.

9.5 Water Testing

At the end of the 8-hour step test, a water sample should be collected tested for total coliform and *E. coli.* by a certified laboratory using an **enumeration method and general water quality.** If the well is positive for total coliform and ***E. coli.*** negative and the count is less than 100 colonies per 100 ml, the shock disinfection of the well will be repeated and the well purged and resampled and retested for total coliform and ***E. Coil.*** using an enumeration method. If the testing results are over 100 colonies per 100 ml or the water sample

is ***E. coli***. positive, it will be necessary to review the well construction process before proceeding and reach out to PADEP before proceeding with the final 24-hour pumping test to determine if any additional monitoring will be required by the PADEP.

At the end of the 48-hour constant rate pumping test the project geologist will field test and monitor the produced water for pH, conductivity, temperature, and turbidity. At the end of the test, the PADEP will likely require certified testing for total coliform and *E. coli.* (enumeration method) three samples collected at fifteen minute intervals and a **complete new source sample (Metals, VOCs, SOCs, Radionuclides, TOC, General Water Quality and since there is a lot of "vehicle traffic" "the well water will be tested for bromide, sodium, potassium, standard plate count, and lithium).** Regarding MPA testing, Well # 1 is within 200 feet of a wetland, but this wetland appears to be associated with a perched water table and since Well # 2, is over 200 feet from and surface water source, we are not anticipating the need to conduct **an MPA test.** The determination of the need for MPA testing will depend on the water level data in the production well had been constructed and the observations made during the drilling process.

9.6 Well Abandonment

If a wellbore or existing well is to be abandon, the abandonment will follow these protocols:

A certificate of abandonment signed and sealed by the project geologist will be prepared and the protocol will follow ANSI/AWWA 100-90 and Chapter 7 of the PADEP Groundwater Monitoring Guidance Manual. If any abandoned or old wells are located on the site, these wells will be abandoned using the guidance in this section.

Prior to sealing, the depth of the well should be measured and any obstacles, such as pumps and piping should be removed. Before abandoning the well, the well would be camera surveyed. The casing

should be remain in place. The process of abandoning the well may include addition a permeable material, such as a high silica well gravel, to maintain the hydroconductivity of the formation and then a sealing material such as cement grout or neat cement grout that is added from the bottom up using a tremie rod or some other means. The upper terminus would be cut to just below grade and topped with a cement grout and a secure steel cap that would be welded in place. The following records should be maintained:

a) Well depth and well diameter.

b) Type of material used to grout the well and volume of grout used.

c) Date of abandonment and individuals present during the well abandonment.

10.0 Wellhead Protection and Capture Zone

Because the proposed well is will not be part of a "Community Water Supply", it should not be necessary to maintain a specific wellhead protection zone for this well. Based on the well construction, we calculated the minimum wellhead protection zone as follows:

Yield – 43 gpm / 8276.96 ft3/day (Volume)
Well Depth – 500 feet
Casing Depth – 100 feet
Open Interval – 400 feet
Porosity – 10 %
Travel Time – 180 days (Travel Time)

Radius (feet) =((Volume*Travel Time)/(3.14*Porosity*(Well Depth-Casing)))^0.5

Radius (feet) = 110 (108.91) feet
Note: If the pumping rate was 30 gpm, the Zone I Wellhead Protection area would be 100 (90.97) feet

Note: If the pumping rate was 60 gpm, the Zone I Wellhead Protection area would be 130 (128.65) feet

Based on a groundwater recharge rate of 22 ac-inches per year or 597,432 gallons per year per acres, the estimated capture zone for the proposed well is:

Average Withdrawal: 39,757 gpd (27.61 gpm)
Gallons per year: 14,511,305 gallons

Capture Zone Area: 14,511,305 gallons per year/ 597,394 gallons per year per acre = 24.29 acres
Radius (Circular) = SQRT(area/3.1415) = 580 (580.4) feet

11.0 Other agencies and Emergency Contacts

The local agency, i.e., Paradise and Pocono Township, has been informally contacted, but the initial contact indicted that the local agency does require a permit to drill an on-site water well. Since the proposed wells are only in Paradise Township, the project will obtain drilling permits for the proposed drinking water wells upon PADEPs approval of the projects predrilling and aquifer testing plan. This predrilling plan will be submitted to the PADEP. Based on a preliminary review of the proposed water usage, it does not appear there is a consumptive water use or a withdrawal that meets the river basin commission criteria.

Points of Contact

PADEP – Emergency Response (24-hour number: (570) 826-2511)

Pennsylvania Fish and Boat Commission (570) 477-5717

Emergency Contacts

Project Engineer

Mr. Michael E. Gable, P.E.
LVL Engineering Group
559 Main Street, Suite 230
Bethlehem, PA 18018
mgable@lvlengineers.com
(215) 345-9400

Project Geologist:

Mr. Brian Oram, PG
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Signature

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Hawthorne Inn

PWSID	SYSTEM NAME	ACTIVITY CODE	CLIENT ID	SITE ID	IARY FACILI	SYSTEM TYPE	OWNER TYPE	POPULATION SERVED	ONTRANSIENT POPULATION SERV	$ECUTIVE INDIC	IMARY SELL	GULATED I	PRIMARY SOURCE	ARY SELLER ING PWS PERM	BWICE CONNECTI	COUNTY	DISTRICT	REGION
2451129	HAWTHORNE INN	INACTIVE	54688	242752	247087	TRANSIENT NONCOMM	INVESTOR	10	0	OT CONSECUTIVE		STATE	GROUND		16	Monroe	POCONO	NORTHEAST

PWSID	SYSTEM NAME	ACTIVITY	CLIENT ID	SITE ID	IARY FACILI	SYSTEM TYPE	OPULATION SERVE	PRIMARY SOURCE	MAILING ADDRESS1	MAIL CITY	MAIL STATE	LING ZIP CI	MAIL ADDITIONAL	ZIP C	DISTRICT	REGION	COUNTY	SYSTEM OWNER NAME	RESPONSIBLE OFFICIAL	HONE AREA	PHONE NUMBER
2451129	HAWTHORNE INN	I	54688	242752	247087	TRANSIENT NONCOMM	10	GROUND	3400 BIRCHWOOD DRIVE	ST STROUDSBU	PA	18301			POCONO	NORTHEAST	Monroe	CBM OLD YORK ASSOC TA MTOWN USA	JOE WOODS	570	6290222

PWSID	SYSTEM NAME	SYSTEM TYPE	ACTIVITY	CLIENT ID	SITE ID	PRMRY_FAC_ID	OPULATION SERVE	PRIMARY SOURCE	DISTRICT	REGION	COUNTY	SOURCE ID	SOURCE NAME	DURCE COD	URCE AVAILABILI	NSTRUCTION DA	DATE SWIP FINALIZED	SWIP STATUS	ATION AM	ELLER STAT	LER PWS	PUMPING CAPACITY	ICE SAFE YIELD - GPD
2451129	HAWTHORNE INN	TRANSIENT NONCOMM	I	54688	242752	247087	10	GROUND	POCONO	NORTHEAST	Monroe	1	WISCASSET SPRING	GROUND	PERMANENT		.	Not yet evaluated	.			0	0
2451129	HAWTHORNE INN	TRANSIENT NONCOMM	I	54688	242752	247087	10	GROUND	POCONO	NORTHEAST	Monroe	2	WELL 102	GROUND	PERMANENT		.	Not yet evaluated	.			46,000	46,000

Stricklands

PWSID	SYSTEM NAME	SYSTEM TYPE	ACTIVITY	CLIENT ID	SITE ID	PRMRY_FAC_ID	OPULATION SERVE	PRIMARY SOURCE	DISTRICT	REGION	COUNTY	SOURCE ID	SOURCE NAME	DURCE COD	URCE AVAILABILI	NSTRUCTION DA	DATE SWIP FINALIZED	SWIP STATUS	ATION AM	ELLER STAT	LER PWS	PUMPING CAPACITY - GPD
2450676	STRICKLANDS MAIN LODGE	NONTRANSIENT NONCOMM	I	61971	2671	3593	300	GROUND	POCONO	NORTHEAST	Monroe	1	WELL 1 MAIN LODGE	GROUND	PERMANENT		.	Not yet evaluated	.			47,000
2450676	STRICKLANDS MAIN LODGE	NONTRANSIENT NONCOMM	I	61971	2671	3593	300	GROUND	POCONO	NORTHEAST	Monroe	2	WELL 11 LAUNDRY	GROUND	ABANDONED		.	Not yet evaluated	.			10,000
2451130	STRICKLANDS WELL 2	TRANSIENT NONCOMM	I	61971	2671	3594	50	GROUND	POCONO	NORTHEAST	Monroe	2	WELL 2	GROUND	PERMANENT		.	Not yet evaluated	.			.	.
2451131	STRICKLANDS WELL 3	TRANSIENT NONCOMM	I	61971	2671	3595	40	GROUND	POCONO	NORTHEAST	Monroe	3	WELL 3	GROUND	PERMANENT		.	Not yet evaluated	.			.	.
2451132	STRICKLANDS WELL 4	TRANSIENT NONCOMM	I	61971	2671	3598	100	GROUND	POCONO	NORTHEAST	Monroe	4	WELL 4	GROUND	PERMANENT		.	Not yet evaluated	.			.	.
2451133	STRICKLANDS WELL 5	TRANSIENT NONCOMM	I	61971	2671	3595	40	GROUND	POCONO	NORTHEAST	Monroe	5	WELL 5	GROUND	PERMANENT		.	Not yet evaluated	.			.	.
2451133	STRICKLANDS WELL 6	TRANSIENT NONCOMM	I	61971	2671	243609	75	GROUND	POCONO	NORTHEAST	Monroe	6	WELL 6	GROUND	PERMANENT		.	Not yet evaluated	.			.	.
2451134	STRICKLANDS WELL 7	TRANSIENT NONCOMM	I	61971	2671	3596	140	GROUND	POCONO	NORTHEAST	Monroe	7	WELL 7	GROUND	PERMANENT		.	Not yet evaluated	.			.	.
2451134	STRICKLANDS WELL 8	TRANSIENT NONCOMM	I	61971	2671	3596	140	GROUND	POCONO	NORTHEAST	Monroe	8	WELL 8	GROUND	PERMANENT		.	Not yet evaluated	.			.	.

						Population				Well Depth												
2450676	STRICKLANDS MAIN LODGE	NONTRANSIENT NONCOMM	2671	61971	3593	300	GROUND	I	1	126	6	OPEN HOLE	1300	.	.	.	1	WELL	STEEL	.	.	.
2450676	STRICKLANDS MAIN LODGE	NONTRANSIENT NONCOMM	2671	61971	3593	300	GROUND	I	1	118	6	OPEN HOLE	1300	.	.	.	2	WELL	STEEL	.	.	.
2451130	STRICKLANDS WELL 2	TRANSIENT NONCOMM	2671	61971	3594	50	GROUND	I	2	200	6	OPEN HOLE	1240	.	.	.	2	WELL	STEEL	.	.	.
2451131	STRICKLANDS WELL 3	TRANSIENT NONCOMM	2671	61971	3595	40	GROUND	I	3	80	6	OPEN HOLE	1230	.	.	.	3	WELL	STEEL	.	.	.
2451132	STRICKLANDS WELL 4	TRANSIENT NONCOMM	2671	61971	3598	100	GROUND	I	4	120	6	OPEN HOLE	1250	.	.	.	4	WELL	STEEL	.	.	.
2451131	STRICKLANDS WELL 5	TRANSIENT NONCOMM	2671	61971	3595	40	GROUND	I	5	80	6	OPEN HOLE	1260	.	.	.	5	WELL	STEEL	.	.	.
2451133	STRICKLANDS WELL 6	TRANSIENT NONCOMM	2671	61971	243609	75	GROUND	I	6	297	6	OPEN HOLE	1260	.	.	.	6	WELL	STEEL	.	.	.
2451134	STRICKLANDS WELL 7	TRANSIENT NONCOMM	2671	61971	3596	140	GROUND	I	7	200	6	OPEN HOLE	1240	.	.	.	7	WELL	STEEL	.	.	.
2451134	STRICKLANDS WELL 8	TRANSIENT NONCOMM	2671	61971	3596	140	GROUND	I	8	200	6	OPEN HOLE	1220	.	.	.	8	WELL	STEEL	.	.	.

Source
PA Drinking Reporting System
http://www.drinkingwater.state.pa.us/dwrs/HTM/Welcome.html

Appendix A

KCWt
Trinity Hill Road
Mount Pocono, PA 18344

Inquiry Number: 7031376.1s
June 24, 2022

Provided by
Keystone Clean Water Team

The EDR Neighborhood Environmental Report™

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

EDR Neighborhood Environmental Report™

June 24, 2022

Property Information:

KCWT
TRINITY HILL ROAD
MOUNT POCONO, PA 18344

Neighborhood Summary

ENVIRONMENTAL RECORDS WITHIN 300 FEET*: Good News!*

This report found no environmental records within 300 feet of the property located at TRINITY HILL ROAD. Additional information is located in Section A.

ENVIRONMENTAL RECORDS BEYOND 300 FEET

The report found no environmental records beyond 300 feet of the property.

About This Report

This report has been compiled by Environmental Data Resources, Inc. (EDR). EDR is the leading national provider of environmental risk information to environmental and home inspection professionals. This report compares the property address against selected government databases of known and potential contamination sites. This report provides no information on the status of the interior structures on the property such as, but not limited to, the existence of mold, asbestos, lead, radon, vapor intrusion or other issues.

For your convenience, this report is organized into the following sections:

Section A provides information about records of known and potential environmental records within a 300 foot radius of the street address provided.

Section B provides information about records of known and potential environmental issues beyond 300 feet of the street address provided. The selected databases are searched to distances most commonly used by environmental professionals.

Section C provides information about records that lack sufficient address information for sites to be accurately located. Records where EDR can identify the site status as "closed" or "no further action" are not included in this section.

Section D provides descriptions and explanations of the databases used, and contact information for government agencies. If you have concerns about the findings in this report, we recommend that you contact the relevant government agency that can provide additional information about specific environmental issues.

A

ENVIRONMENTAL RECORDS WITHIN 300 FEET

Sites with **Known** Contamination Within 300 Feet: No Records Found
Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- ✔ No Leaking Underground Tanks were identified.
- ✔ No Leaking Aboveground Tanks were identified.
- ✔ No Leaking Unregulated Storage Tanks were identified.
- ✔ No Landfills were identified.
- ✔ No EPA Final Superfund Sites were identified.
- ✔ No Remedial Sites on the Pennsylvania Priority Sites were identified.
- ✔ No Superfund Enterprise Mgmt System (SEMS) Sites were identified.
- ✔ No Hazardous Waste Treatment Storage and Disposal Sites were identified.
- ✔ No State Hazardous Waste Sites were identified.
- ✔ No Emergency Response Notification Sites were identified.

Sites with **Potential** Contamination Within 300 Feet: No Records Found
Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- ✔ No Clandestine Drug Lab Sites from Federal Sources were identified.
- ✔ No CDC Environmental Health Assessments were identified.
- ✔ No Active Department of Defense Sites were identified.
- ✔ No Former Department of Defense Sites were identified.
- ✔ No Manufactured Gas Plants were identified.
- ✔ No Radioactive Material Activity Sites were identified.

B

ENVIRONMENTAL RECORDS BEYOND 300 FEET

Sites with **Known** Contamination Beyond 300 Feet: No Records Found

Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- ✔ No Leaking Underground Tanks were identified beyond 300 feet and within 1/2 mile.
- ✔ No Leaking Aboveground Tanks were identified beyond 300 feet and within 1/2 mile.
- ✔ No Leaking Unregulated Storage Tanks were identified beyond 300 feet and within 1/2 mile.
- ✔ No Landfills were identified beyond 300 feet and within 1/2 mile.
- ✔ No EPA Final Superfund Sites were identified beyond 300 feet and within 1 mile.
- ✔ No Remedial Sites on the Pennsylvania Priority Sites were identified beyond 300 feet and within 1 mile.
- ✔ No Superfund Enterprise Mgmt System (SEMS) Sites were identified beyond 300 feet and within 1/2 mile.
- ✔ No Hazardous Waste Treatment Storage and Disposal Sites were identified beyond 300 feet and within 1/2 mile.
- ✔ No State Hazardous Waste Sites were identified beyond 300 feet and within 1 mile.

Sites with **Potential** Contamination Beyond 300 Feet: No Records Found

Sites are tracked by the government in a variety of databases. Database descriptions can be found in Section D of this report.

- ✔ No Clandestine Drug Lab Sites from Federal Sources were identified beyond 300 feet and within 1/8 mile.
- ✔ No CDC Environmental Health Assessments were identified beyond 300 feet and within 1/4 mile.
- ✔ No Active Department of Defense Sites were identified beyond 300 feet and within 1/4 mile.
- ✔ No Former Department of Defense Sites were identified beyond 300 feet and within 1/4 mile.
- ✔ No Manufactured Gas Plants were identified beyond 300 feet and within 1/4 mile.
- ✔ No Radioactive Material Activity Sites were identified beyond 300 feet and within 1/4 mile.

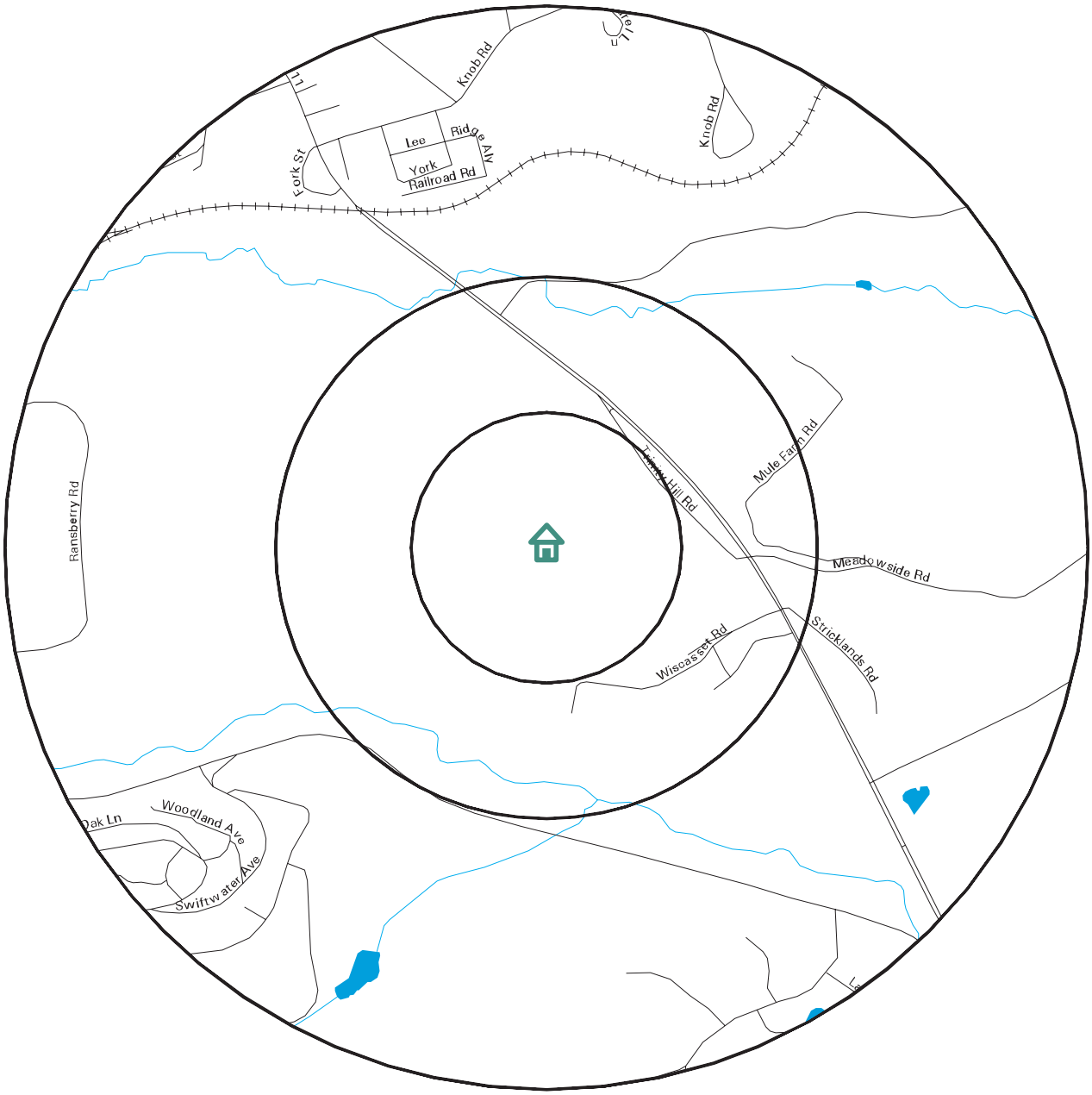
C

UNLOCATED SITES

Government records occasionally lack sufficient address information for some sites to be accurately plotted to an exact location. The following site(s) may or may not be in a close proximity to the target property. Records where EDR can identify the site status as "closed" or "no further action" are not included in the following list.

Location			Database(s)	EDR ID #
ORION FUEL	1933 STATE ROUTE 611	SWIFTWATER	LUST	S128139019

ENVIRONMENTAL MAP



Target Property
Record Found
Several Records Found
National Priority List Sites
Dept. Defense Sites
CDC Health Assessment Sites

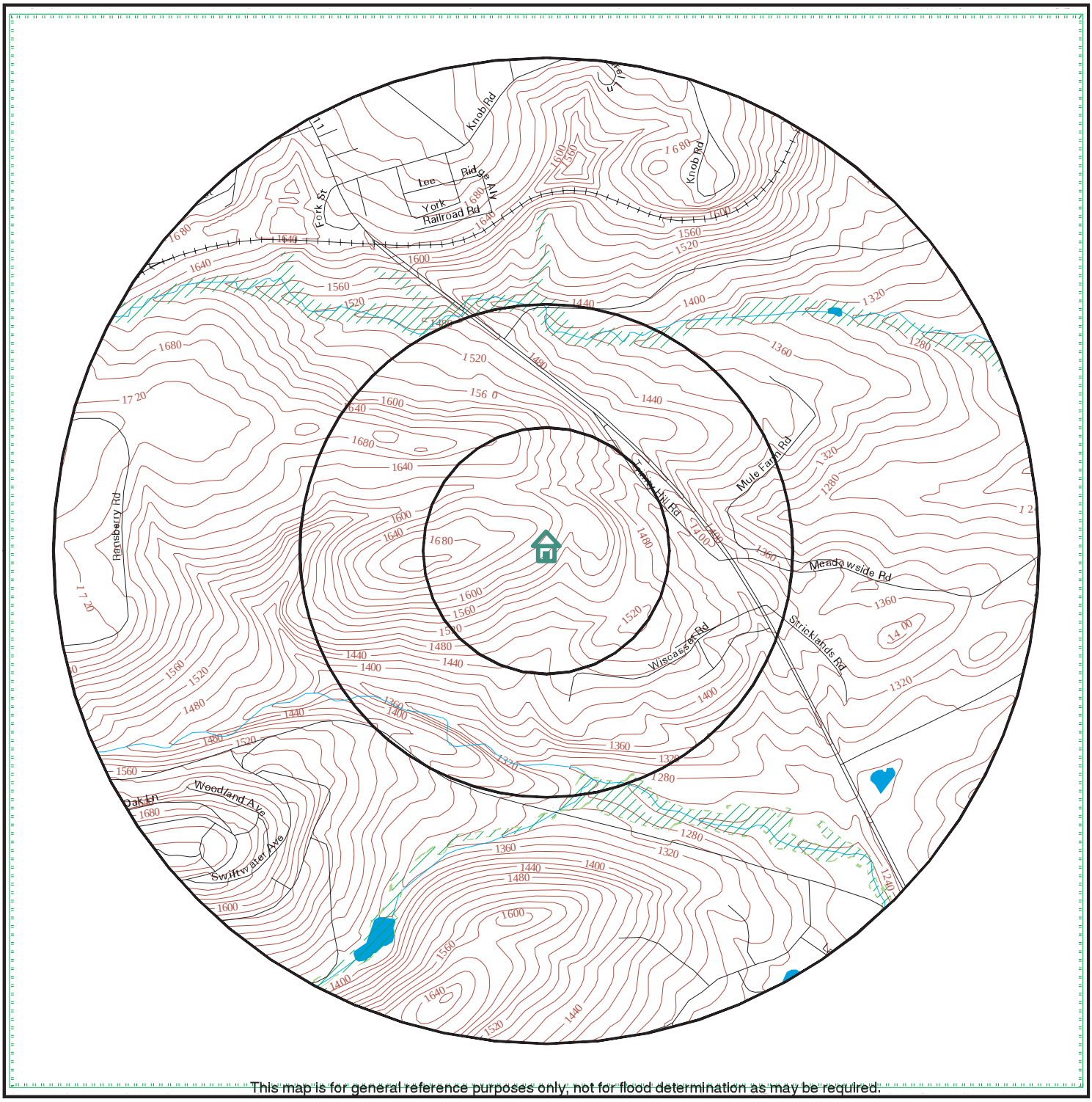
0 1/4 1/2 1 Miles

N
W E
S

ADDRESS: Trinity Hill Road
Mount Pocono PA 18344
LAT/LONG: 41.108481 / 75.34690682

INQUIRY #: 7031376.1s
DATE: June 24, 2022

Flood Zone Map

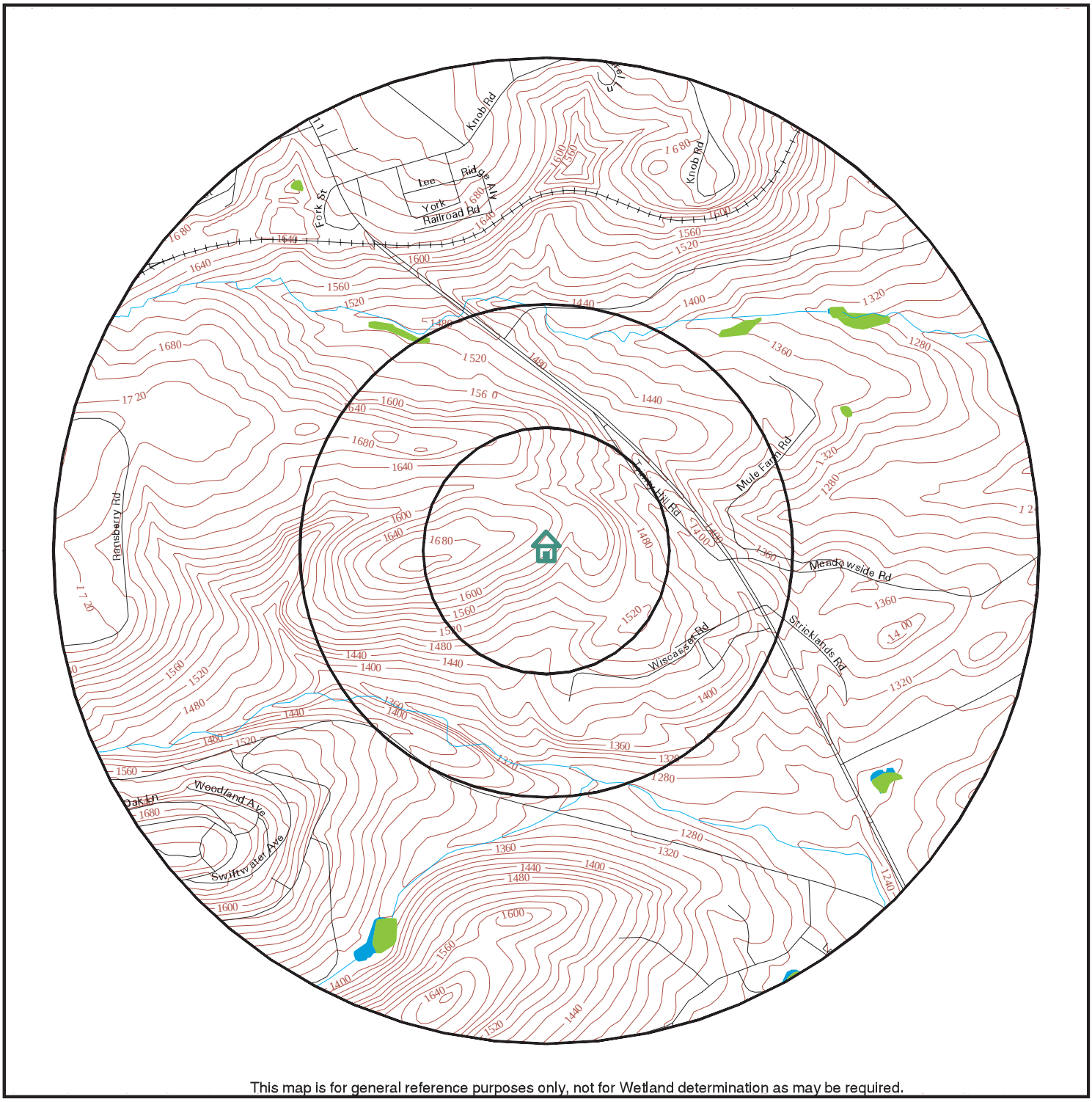


- Contour Lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Electronic FEMA data available
- Electronic FEMA data not available

ADDRESS: Trinity Hill Road
Mount Pocono PA 18344
LAT/LONG: 41.108481 / 75.34690682

INQUIRY #: 7031376.1s
DATE: June 24, 2022

National Wetlands Inventory Map



This map is for general reference purposes only, not for Wetland determination as may be required.

0 1/4 1/2 1 Miles

- Contour Lines
- National Wetlands Inventory
- State Wetlands
- Electronic NWI data available
- Electronic NWI data not available

ADDRESS: Trinity Hill Road
Mount Pocono PA 18344
LAT/LONG: 41.108481 / 75.34690682

INQUIRY #: 7031376.1s
DATE: June 24, 2022

D

EXPLANATION AND FOLLOW-UP DISCUSSION

Information in the EDR Neighborhood Environmental Report™ is gathered from certain Government agencies and proprietary sources. For each of the databases searched, the following section provides a:
- description of the database
- contact number and web site for more information (where available)
- version date of the database searched (where available)

EXPLANATION: SITES WITH KNOWN CONTAMINATION

Leaking Underground Tanks Database (LUST)

The Pennsylvania Department of Environmental Protection's (DEP's) Storage Tank Cleanup Program is administered by the Bureau of Waste Management, Storage Tanks and Hazardous Sites Corrective Action Section, and by the Environmental Cleanup Program, Storage Tank Section, in each of DEP's six regional offices.

The Storage Tanks and Hazardous Sites Corrective Action Section is responsible for developing regulations, policies, technical guidance and public outreach programs necessary to implement the cleanup program to remediate releases from storage tanks in accordance with the Clean Streams Law, Storage Tank and Spill Prevention Act and the Land Recycling and Environmental Remediation Standards Act (Act 2). In addition, the section manages the federal LUST (Leaking Underground Storage Tank) grant and develops processes and procedures in order to perform state-lead cleanups where responsible parties fail to comply or cannot be found and action must be taken to protect human health and the environment.

Status Field definitions:

- Interim Remedial Actions Not Initiated
No physical activity to remove contaminants has been initiated.

- Interim or Remedial Actions Initiated
At a confirmed release, site characterization and/or physical activity to remove contaminants are underway.

-Attainment Monitoring in Progress
Demonstration of an Act 2 groundwater standard is being conducted.

- Cleanup Completed
Removal of contaminants to applicable cleanup standards has been demonstrated to DEP.

- Inactive
Incidents in this status have not achieved 'cleanup completed' status. However, these incidents have been determined by DEP to be low priority for corrective action as a result of meeting the following criteria:
a) No product in the leaking storage tank system
b) No known free product in the environment
c) Risks to human health and the environment have been mitigated including vapor/fire/explosion hazards, contaminated drinking water supplies, and releases to surface waters
d) Strong potential for receptors to be impacted is not known to exist
e) Responsible party is not performing or planning to perform corrective action
f) The case is at least two (2) years old

- Suspected Release
Investigation Pending or Initiated

- Suspected Release
Investigation Complete, No Release Confirmed

For more information about Leaking Underground Tanks in this report, contact the: Pennsylvania Department of Environmental Protection, http://www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/tankintro.htm

Source: Pennsylvania Department of Environmental Protection
Date of Government Version: 06/03/2013
Search Distance in this report: 1/2 mile from Target Property

Leaking Aboveground Tanks Database (LAST)

The Pennsylvania Department of Environmental Protection's (DEP's) Storage Tank Cleanup Program is administered by the Bureau of Waste Management, Storage Tanks and Hazardous Sites Corrective Action Section, and by the Environmental Cleanup Program, Storage Tank Section, in each of DEP's six regional offices.

The Storage Tanks and Hazardous Sites Corrective Action Section is responsible for developing regulations, policies, technical guidance and public outreach programs necessary to implement the cleanup program to remediate releases from storage tanks in accordance with the Clean Streams Law, Storage Tank and Spill Prevention Act and the Land Recycling and Environmental Remediation Standards Act (Act 2). In addition, the section manages the federal LUST (Leaking Underground Storage Tank) grant and develops processes and procedures in order to perform state-lead cleanups where responsible parties fail to comply or cannot be found and action must be taken to protect human health and the environment.

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No physical activity to remove contaminants has been initiated.

- Interim or Remedial Actions Initiated
At a confirmed release, site characterization and/or physical activity to remove contaminants are underway.

- Attainment Monitoring in Progress
Demonstration of an Act 2 groundwater standard is being conducted.

- Cleanup Completed
Removal of contaminants to applicable cleanup standards has been demonstrated to DEP.

- Inactive
Incidents in this status have not achieved 'cleanup completed' status. However, these incidents have been determined by DEP to be low priority for corrective action as a result of meeting the following criteria:
a) No product in the leaking storage tank system
b) No known free product in the environment
c) Risks to human health and the environment have been mitigated including vapor/fire/explosion hazards, contaminated drinking water supplies, and releases to surface waters
d) Strong potential for receptors to be impacted is not known to exist
e) Responsible party is not performing or planning to perform corrective action
f) The case is at least two (2) years old

- Suspected Release
Investigation Pending or Initiated

- Suspected Release
Investigation Complete, No Release Confirmed

For more information about Leaking Aboveground Tanks in this report, contact the: Pennsylvania Department of Environmental Protection, http://www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/tankintro.htm

Source: Pennsylvania Department of Environmental Protection
Date of Government Version: 06/03/2013
Search Distance in this report: 1/2 mile from Target Property

Leaking Unregulated Tanks Database (UNREG LTANKS)

The Pennsylvania Department of Environmental Protection's (DEP's) Storage Tank Cleanup Program is administered by the Bureau of Waste Management, Storage Tanks and Hazardous Sites Corrective Action Section, and by the Environmental Cleanup Program, Storage Tank Section, in each of DEP's six regional offices.

The Storage Tanks and Hazardous Sites Corrective Action Section is responsible for developing regulations, policies, technical guidance and public outreach programs necessary to implement the cleanup program to remediate releases from storage tanks in accordance with the Clean Streams Law, Storage Tank and Spill Prevention Act and the Land Recycling and Environmental Remediation Standards Act (Act 2). In

addition, the section manages the federal LUST (Leaking Underground Storage Tank) grant and develops processes and procedures in order to perform state-lead cleanups where responsible parties fail to comply or cannot be found and action must be taken to protect human health and the environment.

Status Field definition:

- Closed Date
Identifies the date DEP determines that no further corrective action is necessary at the site.

For more information about Leaking Unregulated Tanks in this report, contact the: Pennsylvania Department of Environmental Protection, http://www.dep.state.pa.us/dep/deputate/airwaste/wm/Tanks/tankintro.htm

Source: Pennsylvania Department of Environmental Protection
Date of Government Version: 04/12/2002
Search Distance in this report: 1/2 mile from Target Property

Landfills Database (SWF/LF)

Pennsylvania's Solid Waste Management Program oversees a broad range of waste types and management activities including the transportation, storage, processing, beneficial use and disposal of municipal, residual and hazardous wastes. The Municipal Waste Program regulates the collection, transportation, transfer, processing, composting, beneficial use and disposal of municipal waste. Pennsylvania has 49 active landfills and five resource recovery (waste-to-energy) facilities that manage over 20 million tons/year of municipal waste. The Residual Waste Program regulates the generation, storage, transportation, processing, composting, beneficial use and disposal of residual waste (nonhazardous industrial waste).

For more information about Landfills in this report, contact the: Pennsylvania Department of Environmental Protection, Bureau of Land Recycling and Waste Management, http://www.depweb.state.pa.us/landrecwaste/cwp/view.asp?A=1216&Q=462227

Source: Pennsylvania Department of Environmental Protection
Date of Government Version: 03/18/2013
Search Distance in this report: 1/2 mile from Target Property

EPA Final Superfund Sites Database (NPL)

EPA Final Superfund Sites Database (NPL) is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation.

Superfund is the Federal government's program to clean up the nation's uncontrolled hazardous waste sites. Under the Superfund program, abandoned, accidentally spilled, or illegally dumped hazardous waste that pose a current or future threat to human health or the environment are cleaned up. To accomplish its mission, EPA works closely with communities, Potentially Responsible Parties (PRPs), scientists, researchers, contractors, and state, local, tribal, and Federal authorities. Together with these groups, EPA identifies hazardous waste sites, tests the conditions of the sites, formulates cleanup plans, and cleans up the sites.

For more information about EPA Final Superfund Sites in this report, contact the: Environmental Protection Agency, Superfund Hotline, 800-424-9346 or 703-412-9810, http://www.epa.gov/superfund/sites/npl/index.htm.

Source: Environmental Protection Agency
Date of Government Version: 04/26/2013
Search Distance in this report: 1 mile from Target Property

Remedial Sites on the Pennsylvania Priority Sites Database (HSCA)

The Hazardous Sites Cleanup Act (HSCA) provides the Department of Environmental Protection (DEP) with the funding and the authority to conduct cleanup actions at sites where hazardous substances have been released. HSCA also provides DEP with enforcement authorities to force the persons who are responsible for releases of hazardous substances to conduct cleanup actions or to repay public funds spent on a DEP funded cleanup action. HSCA funds are also used to pay the state share of costs of cleanup actions at Pennsylvania sites in the Federal Superfund Program.

Under the provisions of HSCA, most HSCA sites involve bankrupt facility owners, abandoned facilities, and inappropriate disposal of hazardous substances. As a general rule, HSCA sites do not include active facilities with financially viable owners.

Status field definitions:

- Delisted Date
The remedial response action is completed and that there is no further action. Even after they are de-listed, many of these sites have on-going operation and maintenance (O&M) activities that will last for many years, such as groundwater sampling or maintenance of a cap

For more information about Remedial Sites on the Pennsylvania Priority Sites in this report, contact the: Pennsylvania Department of Environmental Protection, http://www.depweb.state.pa.us/landrecwaste/cwp/view.asp?a=1241&Q=455451&landrecwasteNav=|30814|

Source: Pennsylvania Department of Environmental Protection
Date of Government Version: 12/31/2012
Search Distance in this report: 1 mile from Target Property

EPA Proposed Superfund Sites Database (CERCLIS)

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund, was enacted by Congress on December 11, 1980. CERCLA contains information on hazardous waste sites, potential hazardous waste sites, and remedial activities across the nation, including sites that are on the National Priorities List (NPL) or being considered for the NPL.

Superfund is the Federal government's program to clean up the nation's uncontrolled hazardous waste sites. Under the Superfund program, abandoned, accidentally spilled, or illegally dumped hazardous waste that pose a current or future threat to human health or the environment are cleaned up. To accomplish its mission, EPA works closely with communities, Potentially Responsible Parties (PRPs), scientists, researchers, contractors, and state, local, tribal, and Federal authorities. Together with these groups, EPA identifies hazardous waste sites, tests the conditions of the sites, formulates cleanup plans, and cleans up the sites.

For more information about EPA Proposed Superfund Sites in this report, contact the: Environmental Protection Agency, 703-413-0223 or http://www.epa.gov/superfund/action/law/cercla.htm

Source: Environmental Protection Agency
Date of Government Version: 04/26/2013
Search Distance in this report: 1/2 mile from Target Property

Hazardous Waste Treatment Storage and Disposal Sites Database (RCRAInfo)

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.

For more information about RCRA Treatment, Storage and Disposal sites in this report, contact the: Environmental Protection Agency at http://www.epa.gov/osw/

Source: Environmental Protection Agency
Date of Government Version: 07/11/2013
Search Distance in this report: 1/2 mile from Target Property

State Hazardous Waste Sites Database (SHWS)

The list of Hazardous Sites Response represents hazardous sites response actions that have been taken since the enactment of the Hazardous Sites Cleanup Act (HSCA) on October 18, 1988. The information in this list is derived from DEP's eFACTS (Environment, Facility, Application, Compliance Tracking System). The purpose of providing this listing is not to identify problem areas, rather to identify the status of all response actions that have been taken utilizing HSCA funding.

For more information about State Hazardous Waste Site(s) in this report, contact the: Pennsylvania Department of Environmental Protection, http://www.depweb.state.pa.us/landrecwaste/cwp/view.asp?a=1241&Q=455465&landrecwasteNav=|30814|

Source: Pennsylvania Department Environmental Protection
Date of Government Version: 07/01/2013
Search Distance in this report: 1 mile from Target Property

Emergency Response Notification System (ERNS)

Emergency Response Notification System, also known as The National Response System (NRS), is the government's mechanism for emergency response to discharges of oil and the release of chemicals into the navigable waters or environment of the United States and its territories. Initially, this system focused on oil spills and selected hazardous polluting substances discharged into the environment. It has since been expanded by other legislation to include hazardous substances and wastes released to all types of media.

For more information about Emergency Response Notification System in this report, contact the: National Response Center, United States Coast Guard, 800-424-8802 or http://www.nrc.uscg.mil/nrsinfo.html

Source: National Response Center, United States Coast Guard
Date of Government Version: 12/31/2012
Search Distance in this report: 300 feet from Target Property

EXPLANATION: SITES WITH POTENTIAL CONTAMINATION

Clandestine Drug Labs Sites from Federal Sources (US CDL)

Clandestine Drug Labs Sites from Federal Sources is a listing of drug lab location from the U.S. Department of Justice ("the Department"). 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.

For more information about Clandestine Drug Labs from Federal Sources in this report, contact the Drug Enforcement Administration, 202-307-1000

Source: Drug Enforcement Administration
Date of Government Version: 08/06/2013
Search Distance in this report: 1/8 mile from Target Property

CDC Environmental Health Assessments Database

The Agency for Toxic Substances and Disease Registry, ATSDR, is an agency of the U.S. Public Health Service. It was established by Congress in 1980 under the Comprehensive Environmental Response, Compensation, and Liability Act, also known as the Superfund law. This law set up a fund to identify and clean up our country's hazardous waste sites. The Environmental Protection Agency, EPA, and the individual states regulate the investigation and clean up of the sites.

Since 1986, ATSDR has been required by law to conduct a public health assessment at each of the sites on the EPA National Priorities List. The aim of these evaluations is to find out if people are being exposed to hazardous substances and, if so, whether that exposure is harmful and should be stopped or reduced. If appropriate, ATSDR also conducts public health assessments when petitioned by concerned individuals. Public health assessments are carried out by environmental and health scientists from ATSDR and from the states with which ATSDR has cooperative agreements.

Exposure: As the first step in the evaluation, ATSDR scientists review environmental data to see how much contamination is at a site, where it is, and how people might come into contact with it. Generally, ATSDR does not collect its own environmental sampling data but reviews information provided by EPA, other government agencies, businesses, and the public. When there is not enough environmental information available, the report will indicate what further sampling data is needed.

Health Effects: If the review of the environmental data shows that people have or could come into contact with hazardous substances, ATSDR scientists then evaluate whether or not there will be any harmful effects from these exposures. The report focuses on public health, or the health impact on the community as a whole, rather than on individual risks. Again, ATSDR generally makes use of existing scientific information, which can include the results of medical, toxicologic and epidemiologic studies and the data collected in disease registries. The science of environmental health is still developing, and sometimes scientific information on the health effects of certain substances is not available. When this is so, the report will suggest what further research studies are needed.

Conclusions: The report presents conclusions about the level of health threat, if any, posed by a site and recommends ways to stop or reduce exposure in its public health action plan. ATSDR is primarily an advisory agency, so usually these reports identify what actions are appropriate to be undertaken by EPA, other responsible parties, or the research or education divisions of ATSDR. However, if there is an urgent health threat, ATSDR can issue a public health advisory warning people of the danger. ATSDR can also authorize health education or pilot studies of health effects, full-scale epidemiology studies, disease registries, surveillance studies or research on specific hazardous substances.

For more information about CDC Environmental Health Assessments in this report, contact the: Center for Disease Control, 800-232-4636 or http://www.atsdr.cdc.gov/hac/pha/index.asp

Source: Center for Disease Control
Date of Government Version: 11/29/2007
Search Distance in this report: 1/4 mile from Target Property

Active Department of Defense Site Database (DOD)

Over the last 20 years, the Defense Environmental Restoration Program (DERP) has evolved into a mature program addressing environmental restoration activities at its active installation, base realignment and closure (BRAC) installation, and formerly used defense sites (FUDS). Reducing and managing risk is a central element of the DERP. In its earlier years, the DERP forcused heavily on the identification, investigation, and cleanup of land impacted by decades of defense operations and training activities. As the program expanded to include historic use of military munitions at its active installations, the program progressed from study to cleanup of industrial remediation of past contamination.

The DERP has also included demolition and removing unsafe buildings and structures primarily at former DoD properties that pose health risks to personnel and the general public. In all 50 states, the District of Columbia, and 8 U.S. territories, DoD is working to protect citizens and our natural resources by restoring public lands. DoD has created two distinct programs within the DERP to most effectively address remediation of its sites. The Installation Restoration Program (IRP) primarily addresses sites impacted by hazardous substances. These sites are similar sites across the country contaminated from past practices at industrial and commercial areas, such as municipal landfills and factories. The IRP is a proven program with successes achieved over the past two decades. Through the newly established Military Munitions Response Program (MMRP), DoD can most effectively respond to unexploded ordnance and military munitions waste at areas other than operational ranges. In the coming years, DoD will develop the MMRP to mirror the successes of the IRP.

For more information about Department of Defense Sites in this report, contact the: Department of Defense Cleanup Office, 800-225-3842 or http://www.dtic.mil/envirodod/COffice/COWebL.htm.

Source: Department of Defense
Date of Government Version: 12/31/2005
Search Distance in this report: 1/4 mile from Target Property

Former Department of Defense Sites Database (FUDS)

Formerly Used Defense Sites (FUDS) as defined by the Defense Environmental Restoration Program Management Guidance are real properties that were under the jurisdiction of the Secretary of Defense and owned by, leased by, or otherwise possessed by the United States. Located throughout the United States, these properties are now owned by private individuals, corporations, state and local governments, federal agencies, and tribal governments. The OSD Cleanup Office is responsible for programming and budgeting for FUDS requirements.

The Army is the executive agent for management of FUDS properties, while the U.S. Army Corps of Engineers (USACE) is the day-to-day executor for all aspects of the program. FUDS project categories include, but are not limited to:
-Hazardous, toxic and radioactive waste (HTRW);
-Management of FUDS properties, while the U.S. Army Corps of Engineers (USACE) is the day-
to-day executor for all aspects of the program;
-Containerized HTRW;
-Building demolition and debris removal;
-Potentially responsible party sites;

USACE catalogs all FUDS properties on their site inventory, which details property locations, property number, a nd status of potentially hazardous findings. Three phases may be used to determine the restoration process at FUDS properties: Inventory, Investigation, and Cleanup. Once the property is confirmed as being formerly used by a defense agency, it is entered into the FUDS inventory. If contamination resulting from past Defense practices exists, an investigation must be conducted to determine the extent of the contamination and the appropriate response. Once these two phases are completed a cleanup process will begin to reduce the risk of human health and the environment, or to improve public safety. Cleanup activities are accomplished based on priority sites posing the greatest risks are addressed first.

For more information about Formerly Used Defense Sites in this report, contact the: US Army Corps of Engineers, 202-528-4285 or http://hq.environmental.usace.army.mil/programs/fuds/fuds.html.

Source: U.S. Army Corps of Engineers
Date of Government Version: 12/31/2011
Search Distance in this report: 1/4 mile from Target Property

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.

Source: EDR Inc.
Date of Government Version: 08/28/2009
Search Distance in this report: 1/4 mile from Target Property

Radioactive Material Activity Sites Database (MLTS)

Radioactive Material Activity Sites, also know as the Material Licensing Tracking System (MLTS), is maintained by the Nuclear Regulatory Commission (NRC) and contains a list of sites which possess or use radioactive materials and which are subject to NRC licensing requirements. MLTS database lists the NRC's licenses issued for the operation of nuclear power plants, nuclear waste repositories or medical, industrial, or research applications. The NRC is responsible for ensuring the public health and safety through licensing, inspection, and environmental reviews for all activities.

For more information about Radioactive Material Activity Site in this report, contact the: Nuclear Regulatory Commission, 800-368-5642

Source: Nuclear Regulatory Commission
Date of Government Version: 07/22/2013
Search Distance in this report: 1/4 mile from Target Property

EXPLANATION: FLOOD INFORMATION

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
Phone: 877-336-2627
Date of Government Version: 2003, 2015

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Pennsylvania Emergency Management Agency 717-651-2199

EXPLANATION: WETLANDS INFORMATION

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Fish & Boat Commission 717-657-4515

STREET AND ADDRESS INFORMATION

DISCLAIMER, COPYRIGHT AND TRADEMARK NOTICE

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KCWTHawthorne
T 612
Mount Pocono, PA 18344

Inquiry Number: 7031397.2s
June 24, 2022

The EDR Radius Map™ Report with GeoCheck®

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

TABLE OF CONTENTS

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

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 (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

T 612
MOUNT POCONO, PA 18344

COORDINATES

Latitude (North):	41.1062140 - 41ˆ 6' 22.37''
Longitude (West):	75.3434050 - 75ˆ 20' 36.25''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	471164.7
UTM Y (Meters):	4550392.5
Elevation:	1523 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14041981 MOUNT POCONO, PA
Version Date:	2019
North Map:	14041929 BUCK HILL FALLS, PA
Version Date:	2019
Southwest Map:	14041993 POCONO PINES, PA
Version Date:	2019
Northwest Map:	14042017 TOBYHANNA, PA
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150529
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
T 612
MOUNT POCONO, PA 18344

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	MT AIRY CASINO & RES	115 WOODLAND RD	LUST, AST	Lower	2801, 0.530, East
A2	POCONO MANOR INN & G	ROUTE 314	LUST, ARCHIVE UST, ARCHIVE AST	Higher	2883, 0.546, WSW
A3	POCONO MANOR INN & R	ROUTE 314	VCP	Higher	2945, 0.558, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

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

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

SHWS ..... Hazardous Sites Cleanup Act Site List
HSCA ..... HSCA Remedial Sites Listing

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ..... Operating Facilities

Lists of state and tribal leaking storage tanks

LAST ..... Storage Tank Release Sites
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land
UNREG LTANKS ..... Unregulated Tank Cases

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
UST ..... Listing of Pennsylvania Regulated Underground Storage Tanks
AST ..... Listing of Pennsylvania Regulated Aboveground Storage Tanks
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Engineering Controls Site Listing
INST CONTROL ..... Institutional Controls Site Listing
AUL ..... Environmental Covenants Listing

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF ..... Abandoned Landfill Inventory
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
ODI ..... Open Dump Inventory

EXECUTIVE SUMMARY

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
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- Sites With Known PFAS Contamination

Local Lists of Registered Storage Tanks

ARCHIVE UST ---------- Archived Underground Storage Tank Sites
ARCHIVE AST ---------- Archived Aboveground Storage Tank Sites

Local Land Records

LIENS 2 ---------- CERCLA Lien Information
ACT 2-DEED ---------- Act 2-Deed Acknowledgment Sites

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
SPILLS ---------- State spills

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
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
DOCKET HWC Hazardous Waste Compliance Docket Listing
UXO Unexploded Ordnance Sites
ECHO Enforcement & Compliance History Information
FUELS PROGRAM EPA Fuels Program Registered Listing
AIRS Permit and Emissions Inventory Data
ASBESTOS ASBESTOS
DRYCLEANERS Drycleaner Facility Locations
MANIFEST Manifest Information
MINES MINES
NPDES NPDES Permit Listing
UIC Underground Injection Wells
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
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 identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection List of Confirmed Releases.

A review of the LUST list, as provided by EDR, and dated 03/09/2022 has revealed that there are 2 LUST sites within approximately 0.625 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POCONO MANOR INN & G Facility Id: 603303	***ROUTE 314***	***WSW 1/2 - 1 (0.546 mi.)***	***A2***	***16***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MT AIRY CASINO & RES Facility Id: 603554	***115 WOODLAND RD***	***E 1/2 - 1 (0.530 mi.)***	***1***	***8***

Lists of state and tribal voluntary cleanup sites

VCP: The VCP listings included Completed Sites, Sites in Progress and Act 2 Non-Use Aquifer Determinations Sites. Formerly known as the Act 2, the Land Recycling Program encourages the voluntary cleanup and reuse of contaminated commercial and industrial sites.

A review of the VCP list, as provided by EDR, and dated 01/04/2022 has revealed that there is 1 VCP site within approximately 0.625 miles of the target property.

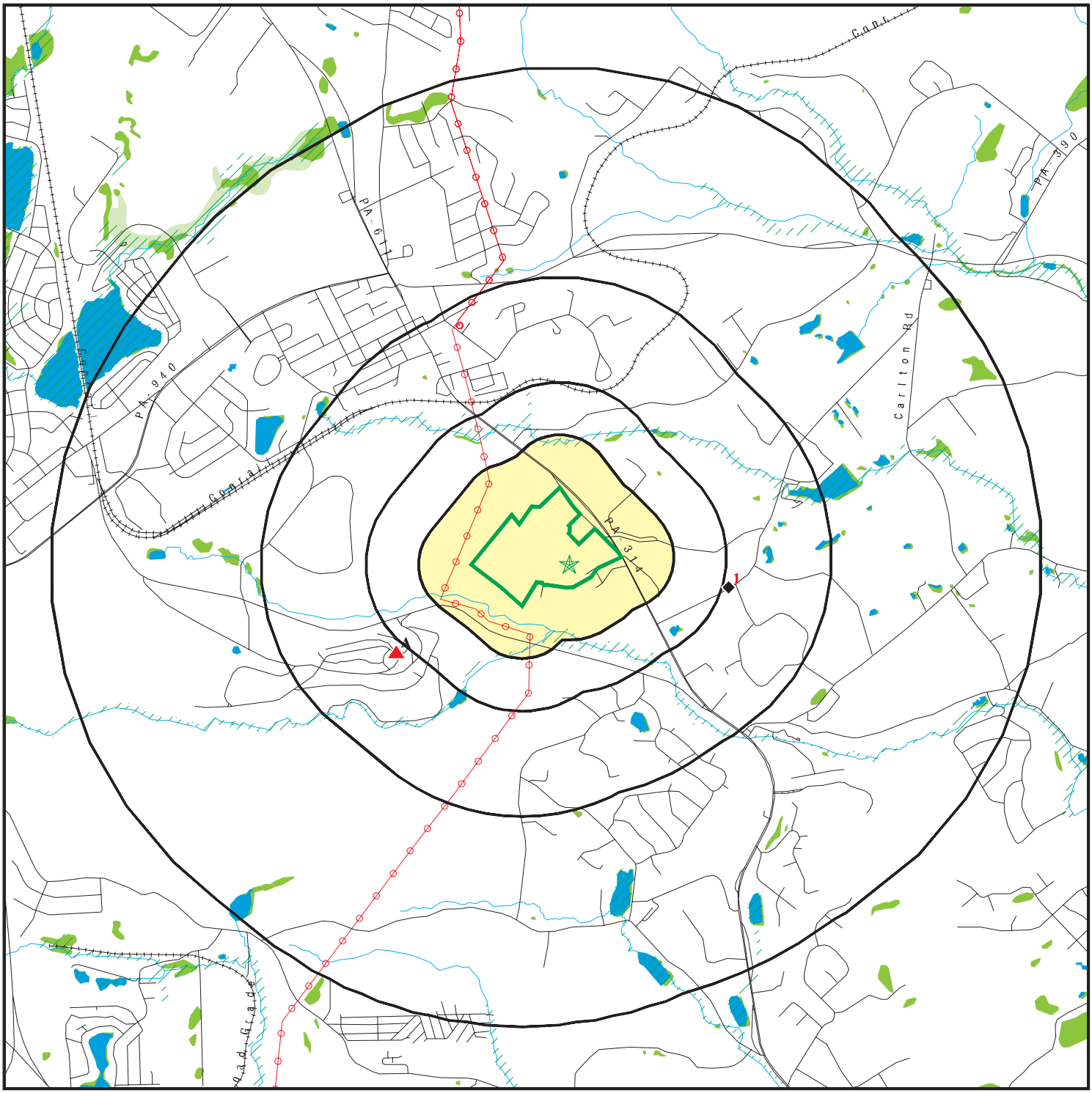
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POCONO MANOR INN & R Activity ID: 621540	ROUTE 314	WSW 1/2 - 1 (0.558 mi.)	A3	20

EXECUTIVE SUMMARY

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

Site Name	Database(s)
WOODLAND ROAD DISPOSAL AREA	SEMS-ARCHIVE
ORION FUEL	LUST

OVERVIEW MAP - 7031397.2S



0 1/2 1 2 Miles

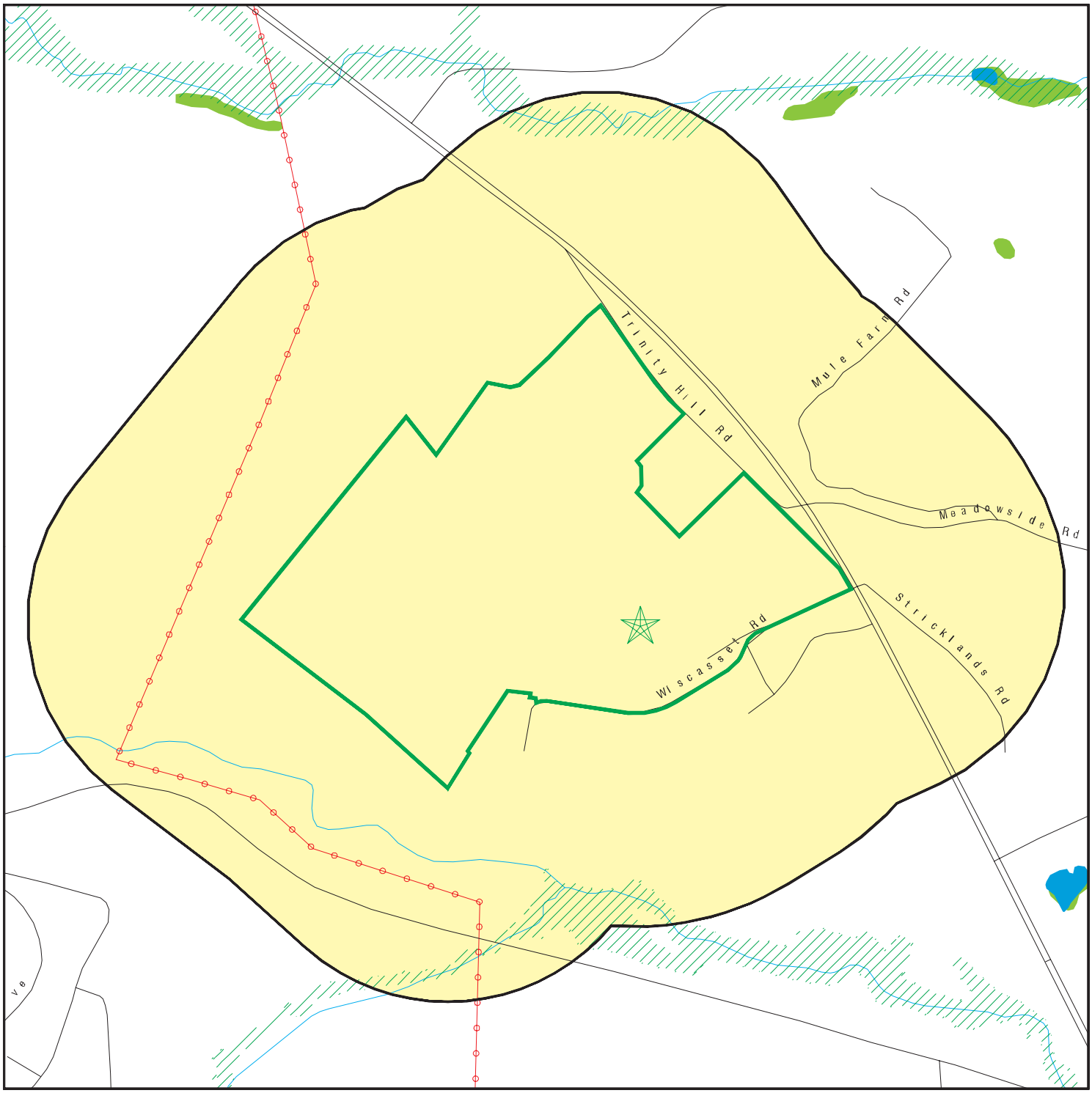
N

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

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:	KCWTHawthorne	CLIENT:	B.F. Environmental Consultants
ADDRESS:	T 612 Mount Pocono PA 18344	CONTACT:	Brian Oram
LAT/LONG:	41.106214 / 75.343405	INQUIRY #:	7031397.2s
		DATE:	June 24, 2022 2:58 pm

DETAIL MAP - 7031397.2S



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

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: KCWTHawthorne ADDRESS: T 612 Mount Pocono PA 18344 LAT/LONG: 41.106214 / 75.343405	CLIENT: B.F. Environmental Consultants CONTACT: Brian Oram INQUIRY #: 7031397.2s DATE: June 24, 2022 2:58 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								
Lists of Federal NPL (Superfund) sites								
NPL	1.125		0	0	0	0	0	0
Proposed NPL	1.125		0	0	0	0	0	0
NPL LIENS	1.125		0	0	0	0	0	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.125		0	0	0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.625		0	0	0	0	NR	0
SEMS	0.625		0	0	0	0	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.625		0	0	0	0	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.125		0	0	0	0	0	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.625		0	0	0	0	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.375		0	0	0	NR	NR	0
RCRA-SQG	0.375		0	0	0	NR	NR	0
RCRA-VSQG	0.375		0	0	0	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.625		0	0	0	0	NR	0
US ENG CONTROLS	0.625		0	0	0	0	NR	0
US INST CONTROLS	0.625		0	0	0	0	NR	0
Federal ERNS list								
ERNS	0.125		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
SHWS	1.125		0	0	0	0	0	0
HSCA	1.125		0	0	0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.625		0	0	0	0	NR	0
Lists of state and tribal leaking storage tanks								
LUST	0.625		0	0	0	2	NR	2

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
LAST	0.625		0	0	0	0	NR	0
INDIAN LUST	0.625		0	0	0	0	NR	0
UNREG LTANKS	0.625		0	0	0	0	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.375		0	0	0	NR	NR	0
UST	0.375		0	0	0	NR	NR	0
AST	0.375		0	0	0	NR	NR	0
INDIAN UST	0.375		0	0	0	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.625		0	0	0	0	NR	0
INST CONTROL	0.625		0	0	0	0	NR	0
AUL	0.625		0	0	0	0	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.625		0	0	0	1	NR	1
INDIAN VCP	0.625		0	0	0	0	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.625		0	0	0	0	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.625		0	0	0	0	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.625		0	0	0	0	NR	0
INDIAN ODI	0.625		0	0	0	0	NR	0
ODI	0.625		0	0	0	0	NR	0
DEBRIS REGION 9	0.625		0	0	0	0	NR	0
IHS OPEN DUMPS	0.625		0	0	0	0	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.125		0	NR	NR	NR	NR	0
US CDL	0.125		0	NR	NR	NR	NR	0
PFAS	0.625		0	0	0	0	NR	0
Local Lists of Registered Storage Tanks								
ARCHIVE UST	0.375		0	0	0	NR	NR	0
ARCHIVE AST	0.125		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.125		0	NR	NR	NR	NR	0
ACT 2-DEED	0.625		0	0	0	0	NR	0
Records of Emergency Release Reports								
HMIRS	0.125		0	NR	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
SPILLS	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.375		0	0	0	NR	NR	0
FUDS	1.125		0	0	0	0	0	0
DOD	1.125		0	0	0	0	0	0
SCRD DRYCLEANERS	0.625		0	0	0	0	NR	0
US FIN ASSUR	0.125		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.125		0	NR	NR	NR	NR	0
2020 COR ACTION	0.375		0	0	0	NR	NR	0
TSCA	0.125		0	NR	NR	NR	NR	0
TRIS	0.125		0	NR	NR	NR	NR	0
SSTS	0.125		0	NR	NR	NR	NR	0
ROD	1.125		0	0	0	0	0	0
RMP	0.125		0	NR	NR	NR	NR	0
RAATS	0.125		0	NR	NR	NR	NR	0
PRP	0.125		0	NR	NR	NR	NR	0
PADS	0.125		0	NR	NR	NR	NR	0
ICIS	0.125		0	NR	NR	NR	NR	0
FTTS	0.125		0	NR	NR	NR	NR	0
MLTS	0.125		0	NR	NR	NR	NR	0
COAL ASH DOE	0.125		0	NR	NR	NR	NR	0
COAL ASH EPA	0.625		0	0	0	0	NR	0
PCB TRANSFORMER	0.125		0	NR	NR	NR	NR	0
RADINFO	0.125		0	NR	NR	NR	NR	0
HIST FTTS	0.125		0	NR	NR	NR	NR	0
DOT OPS	0.125		0	NR	NR	NR	NR	0
CONSENT	1.125		0	0	0	0	0	0
INDIAN RESERV	1.125		0	0	0	0	0	0
FUSRAP	1.125		0	0	0	0	0	0
UMTRA	0.625		0	0	0	0	NR	0
LEAD SMELTERS	0.125		0	NR	NR	NR	NR	0
US AIRS	0.125		0	NR	NR	NR	NR	0
US MINES	0.375		0	0	0	NR	NR	0
ABANDONED MINES	0.375		0	0	0	NR	NR	0
FINDS	0.125		0	NR	NR	NR	NR	0
DOCKET HWC	0.125		0	NR	NR	NR	NR	0
UXO	1.125		0	0	0	0	0	0
ECHO	0.125		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.375		0	0	0	NR	NR	0
AIRS	0.125		0	NR	NR	NR	NR	0
ASBESTOS	0.125		0	NR	NR	NR	NR	0
DRYCLEANERS	0.375		0	0	0	NR	NR	0
MANIFEST	0.375		0	0	0	NR	NR	0
MINES	0.375		0	0	0	NR	NR	0
NPDES	0.125		0	NR	NR	NR	NR	0
UIC	0.125		0	NR	NR	NR	NR	0
MINES MRDS	0.125		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.125		0	0	0	0	0	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
EDR Hist Auto	0.250		0	0	NR	NR	NR	0
EDR Hist Cleaner	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	0.125		0	NR	NR	NR	NR	0
RGA LF	0.125		0	NR	NR	NR	NR	0
RGA LUST	0.125		0	NR	NR	NR	NR	0
- Totals --		0	0	0	0	3	0	3

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
East
1/2-1
0.530 mi.
2801 ft.

MT AIRY CASINO & RESORT
115 WOODLAND RD
MOUNT POCONO, PA 18344

LUST **S105801008**
AST **N/A**

Relative:
Lower

Actual:
1289 ft.

LUST:

Name:	MT AIRY CASINO & RESORT
Address:	115 WOODLAND RD
City,State,Zip:	MOUNT POCONO, PA 18344-7167
Region:	EP NE Rgnl Off Wilkes-Barre
Municipality:	Paradise Twp
Facility Id:	603554
Facility Type:	Underground Storage Tank Containing Petroleum
Facility Status:	**Cleanup Completed**
Status Date:	09/09/2005
Confirmed Date:	03/03/1999
Program Other Id:	45-50835
Client:	MT AIRY 1 LLC
Incident Id:	9983
Incident Desc:	CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date:	03/03/1999
Source Of Notification:	INSTL
Release Discovered:	CLOS
Source Cause Of Release:	UNDTD
Tank:	001, 002, 003
Impact Desc:	Ground Water
Substance:	Diesel Fuel
CAS RN:	71-43-2
Chemical:	BENZENE
Comments:	Not reported
Horizontal Ref Datum:	WGS84
Altitude Datum:	Not reported
Latitude:	41.111920
Longitude:	-75.325210

Name:	MT AIRY CASINO & RESORT
Address:	115 WOODLAND RD
City,State,Zip:	MOUNT POCONO, PA 18344-7167
Region:	EP NE Rgnl Off Wilkes-Barre
Municipality:	Paradise Twp
Facility Id:	603554
Facility Type:	Underground Storage Tank Containing Petroleum
Facility Status:	**Cleanup Completed**
Status Date:	09/09/2005
Confirmed Date:	03/03/1999
Program Other Id:	45-50835
Client:	MT AIRY 1 LLC
Incident Id:	9983
Incident Desc:	CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date:	03/03/1999
Source Of Notification:	INSTL
Release Discovered:	CLOS
Source Cause Of Release:	UNDTD
Tank:	001, 002, 003
Impact Desc:	Ground Water
Substance:	Diesel Fuel
CAS RN:	98-82-8
Chemical:	CUMENE

MT AIRY CASINO & RESORT (Continued) **S105801008**

Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 91-20-3

MT AIRY CASINO & RESORT (Continued) **S105801008**

Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Diesel Fuel
CAS RN: 108-88-3
Chemical: TOLUENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Unleaded Gasoline

MT AIRY CASINO & RESORT (Continued) **S105801008**

CAS RN: 71-43-2
Chemical: BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 98-82-8
Chemical: CUMENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water

MT AIRY CASINO & RESORT (Continued) **S105801008**

Substance: Unleaded Gasoline
CAS RN: 100-41-4
Chemical: ETHYL BENZENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 1634-04-4
Chemical: METHYL TERT-BUTYL ETHER (MTBE)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003

MT AIRY CASINO & RESORT (Continued) **S105801008**

Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 91-20-3
Chemical: NAPHTHALENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 108-88-3
Chemical: TOLUENE
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD

MT AIRY CASINO & RESORT (Continued) **S105801008**

Tank: 001, 002, 003
Impact Desc: Ground Water
Substance: Unleaded Gasoline
CAS RN: 1330-20-7
Chemical: XYLENES (TOTAL)
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS
Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Soil
Substance: Diesel Fuel
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Region: EP NE Rgnl Off Wilkes-Barre
Municipality: Paradise Twp
Facility Id: 603554
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 09/09/2005
Confirmed Date: 03/03/1999
Program Other Id: 45-50835
Client: MT AIRY 1 LLC
Incident Id: 9983
Incident Desc: CLOSURE TANKS TANKS 001, 002 & 003
Suspect Date: 03/03/1999
Source Of Notification: INSTL
Release Discovered: CLOS

MT AIRY CASINO & RESORT (Continued) **S105801008**

Source Cause Of Release: UNDTD
Tank: 001, 002, 003
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.111920
Longitude: -75.325210

AST:
Name: MT AIRY CASINO & RESORT
Address: 115 WOODLAND RD
City,State,Zip: MOUNT POCONO, PA 18344-7167
Site ID: 450860
Client Id: 243905
Other Id: 45-50835
Mailing Name: MT AIRY 1 LLC
Mailing Address: 44 WOODLAND RD
Mailing Address: Not reported
Mailing City,St,Zip: MOUNT POCONO, PA 18344-9703
Municipality: Paradise
Region Name: EP NE Rgnl Off Wilkes-Barre

Tank Seq Num: 001A
Tank Status: Currently In Use
Tank Capacity: 2525
Substance: Diesel Fuel
Date Installed: 10/05/2007
Tank Code: AST
Inspection Code: Not reported
Tank Last Inspected: Not reported
Registration Expiration Date: 04/04/2022
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

Tank Seq Num: 002A
Tank Status: Currently In Use
Tank Capacity: 2525
Substance: Diesel Fuel
Date Installed: 10/05/2007
Tank Code: AST
Inspection Code: Not reported
Tank Last Inspected: Not reported
Registration Expiration Date: 04/04/2022
Decode for Tstatus: Currently In Use
Decode for Substance: Diesel Fuel

Tank Seq Num: 003A
Tank Status: Currently In Use
Tank Capacity: 3350
Substance: Diesel Fuel
Date Installed: 12/07/2007

MT AIRY CASINO & RESORT (Continued) **S105801008**

Tank Code:	AST
Inspection Code:	Not reported
Tank Last Inspected:	Not reported
Registration Expiration Date:	04/04/2022
Decode for Tstatus:	Currently In Use
Decode for Substance:	Diesel Fuel

Tank Seq Num:	004A
Tank Status:	Currently In Use
Tank Capacity:	1750
Substance:	Diesel Fuel
Date Installed:	10/02/2007
Tank Code:	AST
Inspection Code:	Not reported
Tank Last Inspected:	Not reported
Registration Expiration Date:	04/04/2022
Decode for Tstatus:	Currently In Use
Decode for Substance:	Diesel Fuel

Tank Seq Num:	005A
Tank Status:	Currently In Use
Tank Capacity:	10000
Substance:	Diesel Fuel
Date Installed:	12/19/2018
Tank Code:	AST
Inspection Code:	Not reported
Tank Last Inspected:	Not reported
Registration Expiration Date:	04/04/2022
Decode for Tstatus:	Currently In Use
Decode for Substance:	Diesel Fuel

A2 **POCONO MANOR INN & GOLF RESORT** **LUST** **U001105029**
WSW **ROUTE 314** **ARCHIVE UST** **N/A**
1/2-1 **POCONO MANOR, PA 18349** **ARCHIVE AST**
0.546 mi.
2883 ft. **Site 1 of 2 in cluster A**

Relative:
Higher

Actual:
1708 ft.

LUST:

Name:	POCONO MANOR INN & GOLF RESORT
Address:	ROUTE 314
City,State,Zip:	POCONO MANOR, PA 18349
Region:	EP NE Rgnl Off Wilkes-Barre
Municipality:	Pocono Twp
Facility Id:	603303
Facility Type:	Underground Storage Tank Containing Petroleum
Facility Status:	**Cleanup Completed**
Status Date:	06/08/1998
Confirmed Date:	06/24/1997
Program Other Id:	45-13347
Client:	IRELAND HOTELS INC
Incident Id:	10020
Incident Desc:	INC 2 CLOSURE TANK 003
Suspect Date:	06/24/1997
Source Of Notification:	Not reported
Release Discovered:	Not reported
Source Cause Of Release:	Not reported

POCONO MANOR INN & GOLF RESORT (Continued) **U001105029**

Tank: Not reported
Impact Desc: Soil
Substance: Unleaded Gasoline
CAS RN: Not reported
Chemical: Not reported
Comments: Not reported
Horizontal Ref Datum: WGS84
Altitude Datum: Not reported
Latitude: 41.100278
Longitude: -75.359167

ARCHIVE UST:

Name:	POCONO MANOR INN & GOLF RESORT
Address:	ROUTE 314
City,State,Zip:	POCONO MANOR 18349
Facility Id:	45-13347
Site ID:	446442
Municipality:	Pocono Twp
Client Date:	1945
Owner Id:	Not reported
Owner Name:	IRELAND HOTELS INC
Owner Address:	PO BOX 158
Owner Address 2:	Not reported
Owner City,St,Zip:	POCONO MANOR, PA 18349-0158
Owner Phone:	Not reported
Owner County Code:	Not reported
Resp Party Name:	IRELAND HOTELS INC
RP Address:	PO BOX 158
RP Address 2:	Not reported
RP City,St,Zip:	POCONO MANOR, PA 18349-0158
Region Code Name:	Not reported
Regulated Expire Date:	Not reported

Tank Sequence #:	001
Tank Id:	681703
Status:	Closed Without a Permit
Status Code End Date:	Not reported
Capacity:	3000
Substance:	GAS
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	1945
Chemical Name:	IRELAND HOTELS INC
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	JAMES M IRELAND PRES
Company:	Not reported

Tank Sequence #:	002
Tank Id:	681705
Status:	Closed Without a Permit
Status Code End Date:	Not reported

POCONO MANOR INN & GOLF RESORT (Continued) **U001105029**

Capacity:	3000
Substance:	GAS
Tank Substance End Date:	Not reported
Install Date:	Not reported
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	1945
Chemical Name:	IRELAND HOTELS INC
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	JAMES M IRELAND PRES
Company:	Not reported

Tank Sequence #:	003
Tank Id:	681707
Status:	Closed Without a Permit
Status Code End Date:	Not reported
Capacity:	1000
Substance:	GAS
Tank Substance End Date:	Not reported
Install Date:	01/01/1984
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	1945
Chemical Name:	IRELAND HOTELS INC
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	JAMES M IRELAND PRES
Company:	Not reported

Tank Sequence #:	004
Tank Id:	681708
Status:	Exempt From State Law
Status Code End Date:	Not reported
Capacity:	500
Substance:	HO
Tank Substance End Date:	Not reported
Install Date:	06/01/1987
Tank Code:	UST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	1945
Chemical Name:	IRELAND HOTELS INC
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	JAMES M IRELAND PRES
Company:	Not reported

ARCHIVE AST:

Name:	POCONO MANOR INN & GOLF RESORT

POCONO MANOR INN & GOLF RESORT (Continued) **U001105029**

Address:	ROUTE 314
City,State,Zip:	POCONO MANOR 18349
Facility ID:	45-13347
Site ID:	446442
Client ID:	1945
Municipality:	Pocono Twp
Region Name:	Not reported
Owner ID:	Not reported
Owner Name:	IRELAND HOTELS INC
Owner Phone:	Not reported
Owner Address:	PO BOX 158
Owner Address 2:	Not reported
Owner City,St,Zip:	POCONO MANOR, PA 18349-0158
Owner County Code:	Not reported
Resp Party Name:	IRELAND HOTELS INC
RP Address:	PO BOX 158
RP Address 2:	Not reported
RP City,St,Zip:	POCONO MANOR, PA 18349-0158
Regulated Exp Date:	Not reported

Tank ID:	681704
Tank Sequence #:	001A
Install Date:	Not reported
Status:	Exempt From State Law
Status Code End Date:	Not reported
Capacity:	15000
Substance:	HO
Tank Substance End Date:	Not reported
Tank Code:	AST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	1945
Chemical Name:	IRELAND HOTELS INC
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	JAMES M IRELAND PRES
Company:	Not reported

Tank ID:	681706
Tank Sequence #:	002A
Install Date:	Not reported
Status:	Exempt From State Law
Status Code End Date:	Not reported
Capacity:	15000
Substance:	HO
Tank Substance End Date:	Not reported
Tank Code:	AST
Inspection Code:	Not reported
Last Inspection:	Not reported
Substance Type:	Not reported
CASRN for Hazardous Substances:	1945
Chemical Name:	IRELAND HOTELS INC
Other Information Regarding The Tank Substance:	Not reported
Undeliverable Address Ind.:	N
Contact Name:	JAMES M IRELAND PRES

POCONO MANOR INN & GOLF RESORT (Continued) **U001105029**

Company: Not reported

A3 **POCONO MANOR INN & RESORT** **VCP** **S111073278**
WSW **ROUTE 314** **N/A**
1/2-1 **POCONO MANOR, PA 18349**
0.558 mi.
2945 ft. **Site 2 of 2 in cluster A**

Relative:
Higher

Actual:
1709 ft.

VCP:
Name: POCONO MANOR INN & RESORT
Address: ROUTE 314
City,State,Zip: POCONO MANOR, PA 18349

Cleanup Records:
Municipality: Pocono Twp
Region: Northeast Region
Category Desc: Leaded Gasoline
Type: Complete Sites
LRP Activity Number: 39856
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 01/13/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 41.099805000000003
Longitude: -75.358750000000001

Name: POCONO MANOR INN & RESORT
Address: ROUTE 314
City,State,Zip: POCONO MANOR, PA 18349

Activity:
Activity ID: 621540, 621540,
Municipality: Pocono Twp
Region: Northeast Region
Category Desc: Fuel Oil No 2
Type: Complete Sites
LRP Activity Number: 39856
Remediation: Statewide Health Standard
Activity: NO
Date Approved: 01/13/2009
Date Received: Not reported
Date Nonuse: Not reported
ICS Code: Not reported
Media: Soil
Latitude: 41.099805000000003
Longitude: -75.358750000000001

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MOUNT POCONO	1015731839	WOODLAND ROAD DISPOSAL AREA	OFF WOODLAND ROAD	18344	SEMS-ARCHIVE
SWIFTWATER	S128139019	ORION FUEL	1933 STATE ROUTE 611	18370	LUST

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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/01/2022
Next Scheduled EDR Contact: 07/11/2022
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 know 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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/25/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 02/08/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 88

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 08/22/2022
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: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
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: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/04/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

SHWS: Hazardous Sites Cleanup Act Site List

The Hazardous Sites Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed sites, and Sites Being Studied or Response Being Planned.

Date of Government Version: 01/11/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 03/24/2022
Number of Days to Update: 71

Source: Department Environmental Protection
Telephone: 717-783-7816
Last EDR Contact: 04/13/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

HSCA: HSCA Remedial Sites Listing

A list of remedial sites on the PA Priority List. This is the PA state equivalent of the federal NPL superfund list.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 01/13/2022
Date Made Active in Reports: 03/24/2022
Number of Days to Update: 70

Source: Department of Environmental Protection
Telephone: 717-783-7816
Last EDR Contact: 04/12/2021
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Operating Facilities

The listing includes Municipal Waste Landfills, Construction/Demolition Waste Landfills and Waste-to-Energy Facilities.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 03/23/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 55

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST: Storage Tank Release Sites

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: 03/09/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/07/2022
Number of Days to Update: 89

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 06/08/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 03/09/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/07/2022
Number of Days to Update: 89

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 06/08/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

UNREG LTANKS: Unregulated Tank Cases
Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002
Date Data Arrived at EDR: 08/14/2003
Date Made Active in Reports: 08/29/2003
Number of Days to Update: 15
Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 08/14/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

UST: Listing of Pennsylvania Regulated Underground Storage Tanks
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: 03/01/2022
Date Data Arrived at EDR: 03/09/2022
Date Made Active in Reports: 06/06/2022
Number of Days to Update: 89
Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/08/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 03/01/2022
Date Data Arrived at EDR: 03/09/2022
Date Made Active in Reports: 06/06/2022
Number of Days to Update: 89
Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/08/2022
Next Scheduled EDR Contact: 09/19/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. 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: 05/15/2008
Date Data Arrived at EDR: 05/16/2008
Date Made Active in Reports: 06/12/2008
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: No Update Planned

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 01/11/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 03/24/2022
Number of Days to Update: 71

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 04/13/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

INST CONTROL: Institutional Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. 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: 05/15/2008
Date Data Arrived at EDR: 05/16/2008
Date Made Active in Reports: 06/12/2008
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: No Update Planned

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites

The VCP listings included Completed Sites, Sites in Progress and Act 2 Non-Use Aquifer Determinations Sites. Formerly known as the Act 2, the Land Recycling Program encourages the voluntary cleanup and reuse of contaminated commercial and industrial sites.

Date of Government Version: 01/04/2022
Date Data Arrived at EDR: 01/05/2022
Date Made Active in Reports: 03/24/2022
Number of Days to Update: 78

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

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

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Sites
Brownfields are generally defined as abandoned or underused industrial or commercial properties where redevelopment is complicated by actual or perceived environmental contamination. Brownfields vary in size, location, age and past use. They can range from a small, abandoned corner gas station to a large, multi-acre former manufacturing plant that has been closed for years.

Date of Government Version: 01/11/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 03/24/2022
Number of Days to Update: 71

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 04/13/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

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: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF INACTIVE: Inactive Facilities List

A listing of inactive non-hazardous facilities (10000 & 300000 series). This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP?s name was the Department of Environmental Resources.

Date of Government Version: 12/20/1994
Date Data Arrived at EDR: 07/12/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 717-787-7381
Last EDR Contact: 06/21/2005
Next Scheduled EDR Contact: 12/19/2005
Data Release Frequency: No Update Planned

HIST LF ALI: Abandoned Landfill Inventory

The report provides facility information recorded in the Pennsylvania Department of Environmental Protection ALI database. Some of this information has been abstracted from old records and may not accurately reflect the current conditions and status at these facilities

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/04/2005
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 31

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 03/23/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

HIST LF INVENTORY: Facility Inventory

A listing of solid waste facilities. This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP?s name was the Department of Environmental Resources.

Date of Government Version: 06/02/1999
Date Data Arrived at EDR: 07/12/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 717-787-7381
Last EDR Contact: 09/19/2005
Next Scheduled EDR Contact: 12/19/2005
Data Release Frequency: No Update Planned

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
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
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
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: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: No Update Planned

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: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Quarterly

PFAS: Sites With Known PFAS Contamination

Perfluoroalkyl and polyfluoroalkyl substances (PFAS) are man-made chemicals, are resistant to heat, water and oil, and persist in the environment and the human body. PFAS are not found naturally in the environment. They have been used to make cookware, carpets, clothing, fabrics for furniture, paper packaging for food, and other materials that are resistant to water, grease, or stains. They are also used in firefighting foams and in a number of industrial processes.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 12/22/2021
Date Made Active in Reports: 03/15/2022
Number of Days to Update: 83

Source: Department of Environmental Protection
Telephone: 717-787-4728
Last EDR Contact: 06/23/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

ARCHIVE UST: Archived Underground Storage Tank Sites

The list includes tanks storing highly hazardous substances that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 03/09/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/06/2022
Number of Days to Update: 88

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/08/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

ARCHIVE AST: Archived Aboveground Storage Tank Sites

The list includes aboveground tanks with a capacity greater than 21,000 gallons that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 03/09/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/06/2022
Number of Days to Update: 88

Source: Department of Environmental Protection
Telephone: 717-772-5599
Last EDR Contact: 06/08/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Semi-Annually

ACT 2-DEED: Act 2-Deed Acknowledgment Sites

This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

Date of Government Version: 04/23/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 04/30/2010
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 07/22/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Varies

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: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 01/15/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/12/2022
Number of Days to Update: 82

Source: DEP, Emergency Response
Telephone: 717-787-5715
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

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: 02/28/2022
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/17/2022
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 12/01/2021
Date Data Arrived at EDR: 02/15/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
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: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
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: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
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.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/22/2022
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: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
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: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
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.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/20/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/19/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 09/12/2022
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: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 08/15/2022
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: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/18/2022
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
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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: 03/11/2022
Date Data Arrived at EDR: 03/15/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/02/2022
Next Scheduled EDR Contact: 09/12/2022
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
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
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
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
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/23/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, 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 Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
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: 12/31/2021
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
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: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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.

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: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 07/11/2022
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 1931and 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: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
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.

Date of Government Version: 02/01/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/05/2022
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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
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: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
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: 03/10/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 96

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/19/2022
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: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13

Source: EPA
Telephone: (215) 814-5000
Last EDR Contact: 05/18/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
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
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

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: 02/17/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Quarterly

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/10/2022
Number of Days to Update: 86

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 06/01/2022
Date Data Arrived at EDR: 06/01/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 12

Source: Department of Labor & Industry
Telephone: 717-703-1092
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Locations

A listing of drycleaner facility locations.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 89

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Annually

MINES: Abandoned Mine Land Inventory
This data set portrays the approximate location of Abandoned Mine Land Problem Areas containing public health, safety, and public welfare problems created by past coal mining.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/12/2022
Number of Days to Update: 83
Source: PASDA
Telephone: 814-863-0104
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Semi-Annually

NPDES: NPDES Permit Listing
A listing of facilities with an NPDES permit.

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 13
Source: Department of Environmental Protection
Telephone: 717-787-9642
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

UIC: Underground Injection Wells
A listing of underground injection well locations.

Date of Government Version: 03/15/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 89
Source: Department of Environmental Protection
Telephone: 717-783-7209
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Quarterly

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: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

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: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

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 Environmental Protection in Pennsylvania.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department Environmental Protection
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 Environmental Protection in Pennsylvania.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department Environmental Protection
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 Environmental Protection in Pennsylvania.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department Environmental Protection
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: 12/03/2021
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 84

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/09/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 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: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

RI MANIFEST: Manifest information

Hazardous waste manifest information

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: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
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: 06/03/2022
Next Scheduled EDR Contact: 09/19/2022
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 Facility List
Source: Department of Public Welfare
Telephone: 717-783-3856

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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Pennsylvania Spatial Data Access
Telephone: 610-344-6105

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

KCWTHAWTHORNE
T 612
MOUNT POCONO, PA 18344

TARGET PROPERTY COORDINATES

Latitude (North):	41.106214 - 41ˆ 6’ 22.37’’
Longitude (West):	75.343405 - 75ˆ 20’ 36.26’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	471164.7
UTM Y (Meters):	4550392.5
Elevation:	1523 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14041981 MOUNT POCONO, PA
Version Date:	2019
North Map:	14041929 BUCK HILL FALLS, PA
Version Date:	2019
Southwest Map:	14041993 POCONO PINES, PA
Version Date:	2019
Northwest Map:	14042017 TOBYHANNA, PA
Version Date:	2019

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

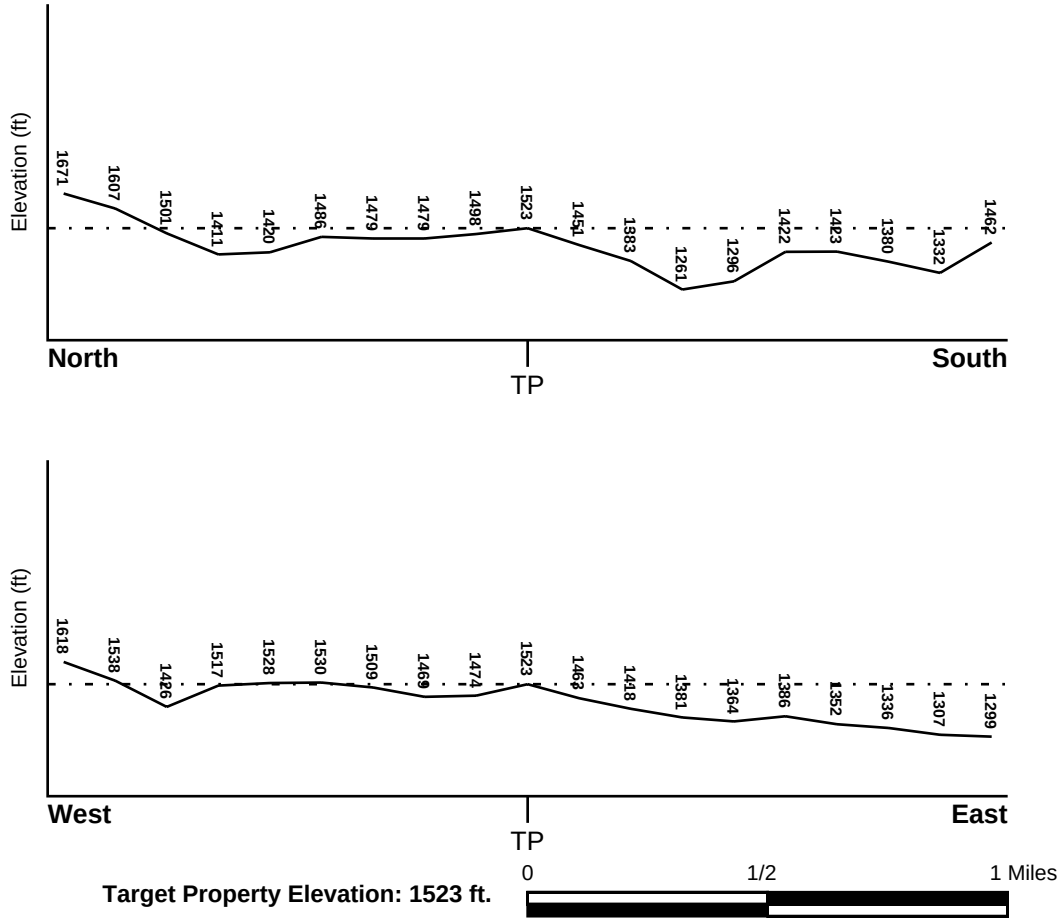
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 1523 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
42089C0252E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
42089C0251E	FEMA FIRM Flood data
42089C0253E	FEMA FIRM Flood data
42089C0254E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MOUNT POCONO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

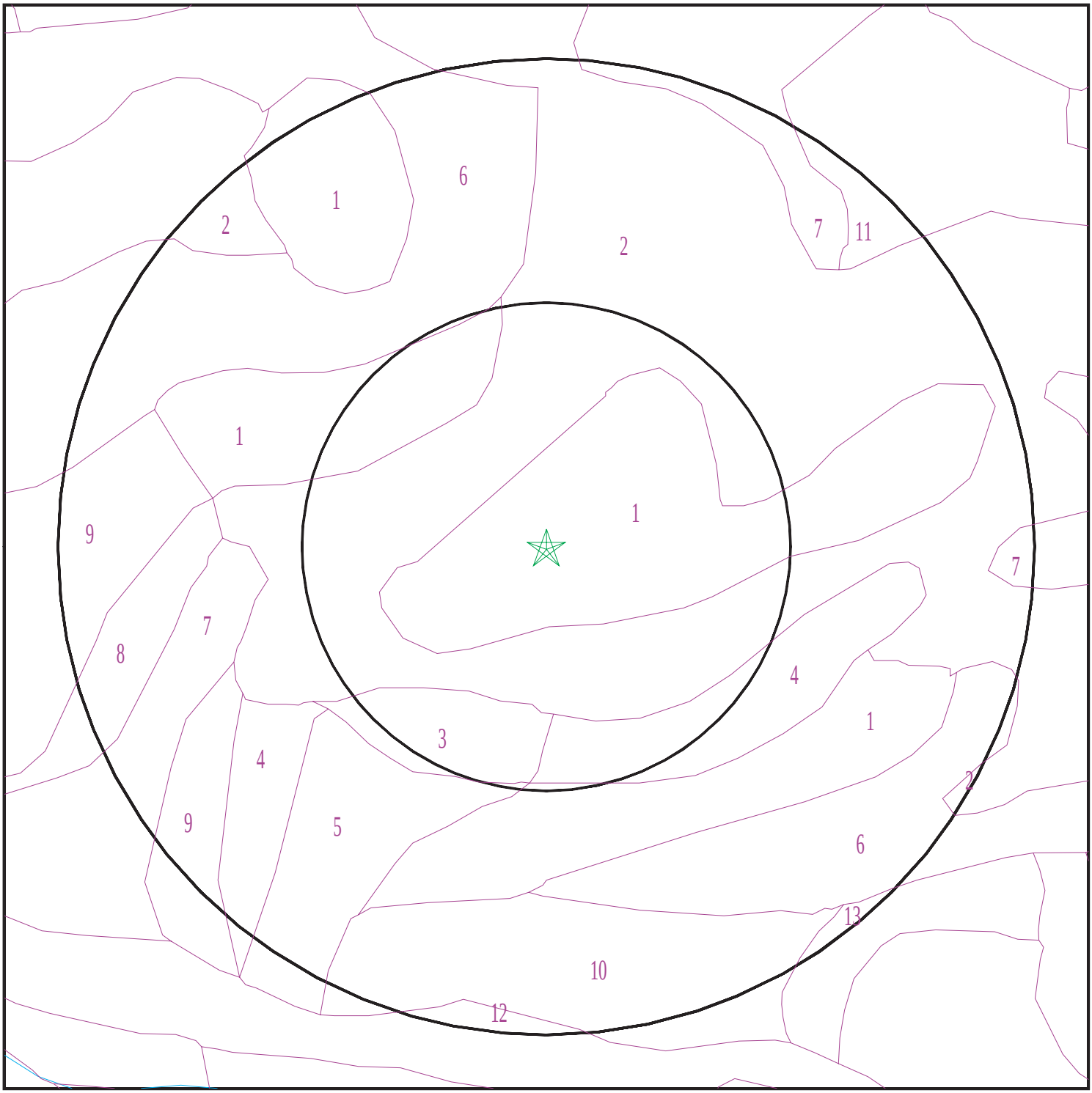
Era:	Paleozoic
System:	Devonian
Series:	Upper Devonian
Code:	D3c *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7031397.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	KCWTHawthorne	CLIENT:	B.F. Environmental Consultants
ADDRESS:	T 612 Mount Pocono PA 18344	CONTACT:	Brian Oram
LAT/LONG:	41.106214 / 75.343405	INQUIRY #:	7031397.2s
		DATE:	June 24, 2022 2:59 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Oquaga

Soil Surface Texture: very channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 66 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	25 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	29 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Oquaga

Soil Surface Texture: very channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 66 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	25 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	25 inches	29 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: Lackawanna

Soil Surface Texture: channery silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 130 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
2	11 inches	33 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
3	33 inches	74 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: Lackawanna

Soil Surface Texture: very channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 130 inches

Depth to Watertable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
2	11 inches	33 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
3	33 inches	74 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 5

Soil Component Name: Lackawanna

Soil Surface Texture: channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 130 inches

Depth to Watertable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
2	11 inches	33 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
3	33 inches	74 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 6

Soil Component Name: Lordstown

Soil Surface Texture: very channery silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 76 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	22 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	22 inches	27 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
4	27 inches	31 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: Wellsboro

Soil Surface Texture: very channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 127 inches

Depth to Watertable Min: > 8 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
2	9 inches	22 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
3	22 inches	59 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 8

Soil Component Name: Lackawanna

Soil Surface Texture: very channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 130 inches

Depth to Watertable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
2	11 inches	33 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
3	33 inches	74 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 9

Soil Component Name: Lackawanna

Soil Surface Texture: very channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 130 inches

Depth to Watertable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
2	11 inches	33 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
3	33 inches	74 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 10

Soil Component Name: Wyoming

Soil Surface Texture: very gravelly sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	7 inches	25 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	25 inches	59 inches	stratified sand to very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

Soil Map ID: 11

Soil Component Name: Wellsboro

Soil Surface Texture: very channery loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 137 inches

Depth to Watertable Min: > 46 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
2	9 inches	22 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5
3	22 inches	59 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.41 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 12

Soil Component Name: Wyoming

Soil Surface Texture: very gravelly sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	7 inches	25 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	25 inches	59 inches	stratified sand to very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

Soil Map ID: 13

Soil Component Name: Wyoming

Soil Surface Texture: very gravelly sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	7 inches	25 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	25 inches	59 inches	stratified sand to very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel. COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel.	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G19	USGS40001029022	1/2 - 1 Mile ESE
K37	USGS40001028986	1/2 - 1 Mile SE
K40	USGS40001028979	1/2 - 1 Mile SE
N45	USGS40001028973	1/2 - 1 Mile SE
P64	USGS40001008546	1/2 - 1 Mile SE
S70	USGS40001029188	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C11	PA2450676	1/4 - 1/2 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

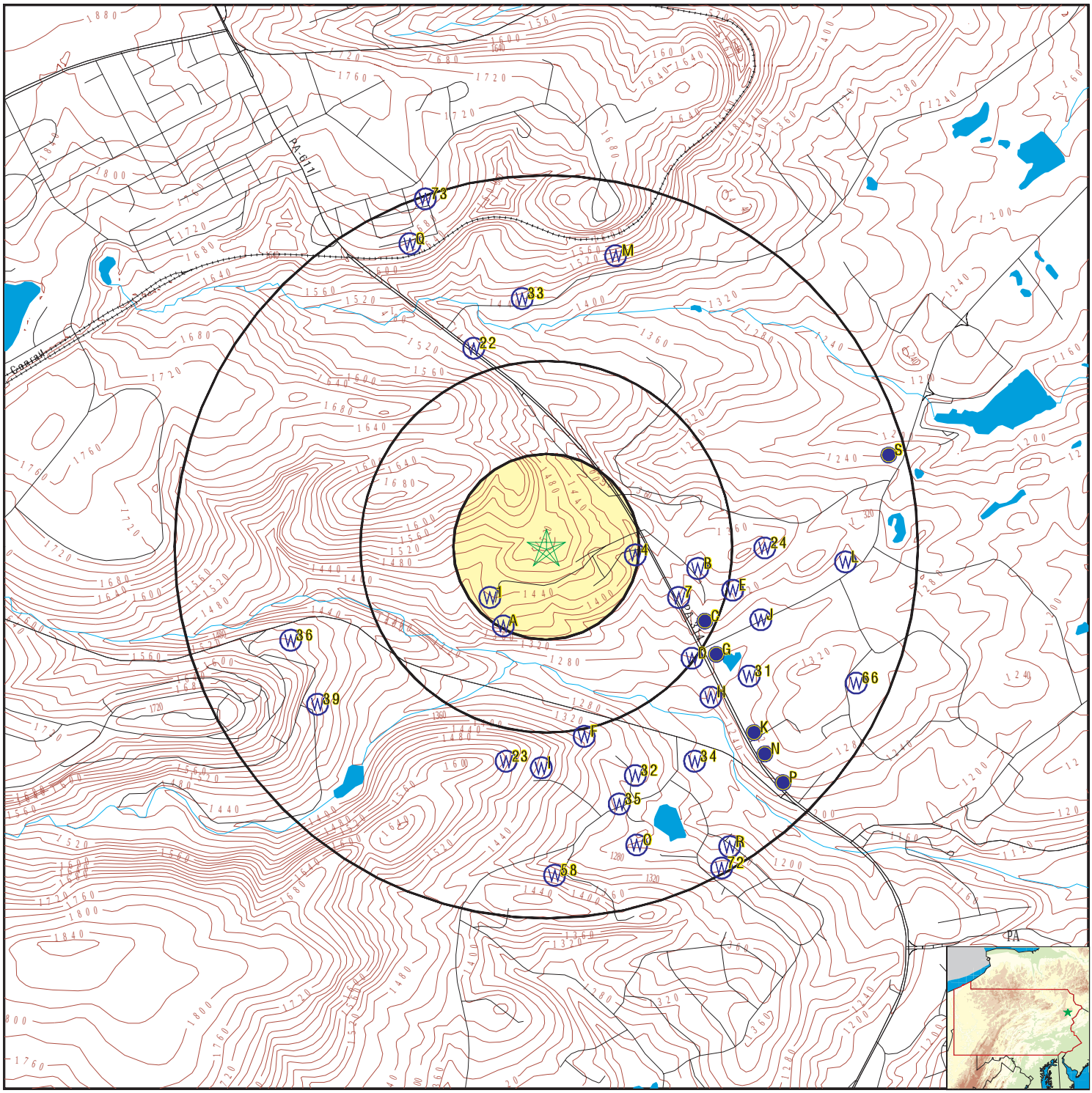
MAP ID	WELL ID	LOCATION FROM TP
1	PASI60000202890	1/8 - 1/4 Mile SW
A2	PASI60000203554	1/8 - 1/4 Mile SSW
A3	PASI60000203688	1/8 - 1/4 Mile SSW
4	PASI60000202857	1/8 - 1/4 Mile East
A5	PASI60000203371	1/4 - 1/2 Mile SSW
A6	PASI60000222099	1/4 - 1/2 Mile SW
7	PASI60000212424	1/4 - 1/2 Mile ESE
B8	PASI60000212341	1/4 - 1/2 Mile East
B9	PASI60000212342	1/4 - 1/2 Mile East
C10	PASI60000212210	1/4 - 1/2 Mile ESE
C12	PASI60000212209	1/4 - 1/2 Mile ESE
D13	PASI60000212154	1/4 - 1/2 Mile SE
D14	PASI60000212155	1/4 - 1/2 Mile SE
E15	PASI60000212337	1/4 - 1/2 Mile ESE
F16	PASI60000203685	1/2 - 1 Mile South
F17	PASI60000203684	1/2 - 1 Mile SSE
E18	PASI60000212340	1/2 - 1 Mile ESE
G20	PASI60000027285	1/2 - 1 Mile ESE
H21	PASI60000212157	1/2 - 1 Mile SE
22	PASI60000202892	1/2 - 1 Mile NNW
23	PASI60000203718	1/2 - 1 Mile South
24	PASI60000212343	1/2 - 1 Mile East
I25	PASI60000406110	1/2 - 1 Mile South
I26	PASI60000406109	1/2 - 1 Mile South
J27	PASI60000396569	1/2 - 1 Mile ESE
H28	PASI60000212158	1/2 - 1 Mile SE
J29	PASI60000212339	1/2 - 1 Mile ESE
H30	PASI60000212281	1/2 - 1 Mile SE
31	PASI60000212338	1/2 - 1 Mile ESE
32	PASI60000203563	1/2 - 1 Mile SSE
33	PASI60000202897	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
34	PASI60000203551	1/2 - 1 Mile SE
35	PASI60000203256	1/2 - 1 Mile SSE
36	PASI60000203505	1/2 - 1 Mile WSW
K38	PASI60000027126	1/2 - 1 Mile SE
39	PASI60000203614	1/2 - 1 Mile SW
K41	PASI60000027124	1/2 - 1 Mile SE
L42	PASI60000220871	1/2 - 1 Mile East
M43	PASI60000202887	1/2 - 1 Mile North
M44	PASI60000202888	1/2 - 1 Mile NNE
N46	PASI60000027122	1/2 - 1 Mile SE
M47	PASI60000202889	1/2 - 1 Mile NNE
L48	PASI60000221295	1/2 - 1 Mile East
O49	PASI60000203264	1/2 - 1 Mile SSE
O50	PASI60000203263	1/2 - 1 Mile SSE
O51	PASI60000203259	1/2 - 1 Mile SSE
O52	PASI60000203258	1/2 - 1 Mile SSE
O53	PASI60000203257	1/2 - 1 Mile SSE
O54	PASI60000203260	1/2 - 1 Mile SSE
O55	PASI60000203261	1/2 - 1 Mile SSE
O56	PASI60000203262	1/2 - 1 Mile SSE
P57	PASI60000204218	1/2 - 1 Mile SE
58	PASI60000203116	1/2 - 1 Mile South
P59	PASI60000212170	1/2 - 1 Mile SE
Q60	PASI60000220172	1/2 - 1 Mile NNW
Q61	PASI60000219858	1/2 - 1 Mile NNW
Q62	PASI60000220174	1/2 - 1 Mile NNW
Q63	PASI60000220173	1/2 - 1 Mile NNW
P65	PASI60000026734	1/2 - 1 Mile SE
66	PASI60000212207	1/2 - 1 Mile ESE
R67	PASI60000203273	1/2 - 1 Mile SSE
P68	PASI60000203272	1/2 - 1 Mile SE
S69	PASI60000027306	1/2 - 1 Mile ENE
R71	PASI60000203564	1/2 - 1 Mile SSE
72	PASI60000203274	1/2 - 1 Mile SSE
73	PASI60000027311	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 7031397.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME: KCWTHawthorne	CLIENT: B.F. Environmental Consultants
ADDRESS: T 612	CONTACT: Brian Oram
Mount Pocono PA 18344	INQUIRY #: 7031397.2s
LAT/LONG: 41.106214 / 75.343405	DATE: June 24, 2022 2:59 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SW
1/8 - 1/4 Mile
Lower

PA WELLS **PASI60000202890**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203004	Local Well #:	6691N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	180	Elevation:	0
Site Type:	W	Depth to Bedrock:	56
Saltwater Zone:	0	Date Drilled:	01-NOV-83
Local Permit #:	Not Reported		
Owner ID:	202022	Ownership Date:	Not Reported
Construction Date:	01-NOV-83	Driller:	1647
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Bailer	Discharge:	4.
Static Water Level (ft):	105.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	180.	Drawdown (ft):	75.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	01-NOV-83
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Rt=Red Rock		

A2
SSW
1/8 - 1/4 Mile
Lower

PA WELLS **PASI60000203554**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203668	Local Well #:	5295N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	499	Elevation:	0
Site Type:	W	Depth to Bedrock:	55
Saltwater Zone:	0	Date Drilled:	12-SEP-80
Local Permit #:	Not Reported		
Owner ID:	202684	Ownership Date:	Not Reported

Construction Date:	12-SEP-80	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	6.	Static Water Level (ft):	117.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	495.	Drawdown (ft):	378.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	12-SEP-80
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Yield May Increase From 6 To 10		

A3
SSW
1/8 - 1/4 Mile
Lower

PA WELLS **PASI60000203688**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203802	Local Well #:	7833N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	62
Saltwater Zone:	0	Date Drilled:	06-MAY-87
Local Permit #:	Not Reported		
Owner ID:	202818	Ownership Date:	Not Reported
Construction Date:	06-MAY-87	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	7.
Static Water Level (ft):	80.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	300.	Drawdown (ft):	220.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	06-MAY-87
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Wiscasett Lot 9

4
East **PA WELLS** **PASI60000202857**
1/8 - 1/4 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	202971	Local Well #:	3960N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Flat Surface
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	10
Saltwater Zone:	0	Date Drilled:	01-AUG-80
Local Permit #:	Not Reported		
Owner ID:	201990	Ownership Date:	Not Reported
Construction Date:	01-AUG-80	Driller:	982
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	10.
Static Water Level (ft):	40.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	300.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	0.75
SiteStatus at Test:	Not Reported	Date Discharged:	01-AUG-80
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Rt=Red And Blue Rock

A5
SSW **PA WELLS** **PASI60000203371**
1/4 - 1/2 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203485	Local Well #:	5111N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	275	Elevation:	0
Site Type:	W	Depth to Bedrock:	48
Saltwater Zone:	0	Date Drilled:	27-AUG-81

Local Permit #:	Not Reported		
Owner ID:	202502	Ownership Date:	Not Reported
Construction Date:	27-AUG-81	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	15.	Static Water Level (ft):	95.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	270.	Drawdown (ft):	175.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	27-AUG-81
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

A6
SW
1/4 - 1/2 Mile
Lower

PA WELLS **PASI60000222099**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	300	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	47
Saltwater Zone:	0	Date Drilled:	05-SEP-97
Local Permit #:	Not Reported		
Owner ID:	221842	Ownership Date:	Not Reported
Construction Date:	05-SEP-97	Driller:	9994
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	mgb1172	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	1295
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	12.	Static Water Level (ft):	107.
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	300.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	60.

SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Wiscaset		

7
ESE **PA WELLS** **PASI60000212424**
1/4 - 1/2 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212626	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	340	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211596	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	30.	Static Water Level (ft):	40.
Agency Providing Data:	Well Owner	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451300	Assigned By:	PA DEP PWSID
Comments:	Population Served = 150		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B8
East
1/4 - 1/2 Mile
Lower

PA WELLS **PASI60000212341**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212541	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	297	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211511	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451133	Assigned By:	PA DEP PWSID
Comments:	Population Served = 75		

B9
East
1/4 - 1/2 Mile
Lower

PA WELLS **PASI60000212342**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212542	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	200	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211512	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		

Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451134	Assigned By:	PA DEP PWSID
Comments:	Population Served = 140		

C10
ESE
1/4 - 1/2 Mile
Lower

PA WELLS **PASI60000212210**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212406	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	126	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211376	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Entire Length Cased, Open End		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	33.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2450676	Assigned By:	PA DEP PWSID
Comments:	Population Served = 300		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C11
ESE
1/4 - 1/2 Mile
Lower

FRDS PWS **PA2450676**

Epa region:	03	State:	PA
Pwsid:	PA2450676	Pwsname:	STRICKLANDS MAIN LODGE
Cityserved:	Not Reported	Stateserved:	PA
Zipserved:	Not Reported	Fipscounty:	42089
Status:	Closed	Retpopsrvd:	300
Pwssvcconn:	4	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	Private
Contact:	ROBERT C FERRI	Contactorgname:	Not Reported
Contactphone:	570-839-7155	Contactaddress1:	MT AIRY LODGE WOODLAND ROAD
Contactaddress2:	Not Reported	Contactcity:	MT POCONO
Contactstate:	PA	Contactzip:	18344
Pwsactivitycode:	I		

PWS ID:	PA2450676	PWS type:	Mailing
PWS name:	STRICKLANDS MAIN LODGE	PWS address:	ROBERT C FERRI
PWS address:	MT AIRY LODGE WOODLAND ROAD		
PWS city:	MT POCONO	PWS state:	PA
PWS zip:	18344	PWS ID:	PA2450676
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00000300
System name:	STRICKLANDS MAIN LODGE	System address:	Not Reported
System address:	RT 611 AND WOODLAND ROAD	System city:	PARADISE TWP.
System state:	PA	System zip:	18344

Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	410611	Longitude:	0752008
Latitude:	410612	Longitude:	0752008

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426982	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	STYRENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426981	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	ETHYLBENZENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426980	Violation source ID:	101

PWS telephone:	Not Reported	Contaminant:	TOLUENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426979	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	BENZENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426978	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	MONOCHLOROBENZENE (CHLOROBENZE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426977	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	TETRACHLOROETHYLENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426976	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	1,1,2-TRICHLOROETHANE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426975	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	TRICHLOROETHYLENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426974	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	1,2-DICHLOROPROPANE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426973	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	CARBON TETRACHLORIDE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426972	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	1,1,1-TRICHLOROETHANE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426971	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	1,2-DICHLOROETHANE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426970	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	TRANS-1,2-DICHLOROETHYLENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426969	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	1,1-DICHLOROETHYLENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes

Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426968	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	P-DICHLOROBENZENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426967	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	O-DICHLOROBENZENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426966	Violation source ID:	101
PWS telephone:	Not Reported		
Contaminant:	METHYLENE CHLORIDE (DICHLOROMETHANE)		
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426965	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	XYLENES, TOTAL
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426964	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	CIS-1,2-DICHLOROETHYLENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9426963	Violation source ID:	101
PWS telephone:	Not Reported	Contaminant:	1,2,4-TRICHLOROBENZENE
Violation type:	Monitoring, Regular	Violation start date:	010194
Violation end date:	033194	Violation period (months):	003
Violation awareness date:	060194	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9416843	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	010194	Violation end date:	033194
Violation period (months):	003	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

Violation ID:	0005716	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	0005716	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

Violation ID:	0005716	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	0005717	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	0005717	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	0005717	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

Violation ID:	0005718	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

Violation ID:	0005718	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	0005718	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	0005719	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	0005719	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000

Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005719	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005720	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005720	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005720	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005721	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005721	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005721	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005722	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005722	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005722	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005723	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005723	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005723	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005724	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005724	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	0005724	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005725	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005725	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005725	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005726	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005726	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005726	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005727	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005727	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005727	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005728	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005728	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005728	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005729	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005729	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005729	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000

Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005730	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005730	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005730	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005731	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005731	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005731	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005732	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005732	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005732	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005733	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005733	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005733	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005734	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	0005734	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005734	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

Violation ID:	0005735	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	0005735	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	08/01/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	0005735	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	9929742	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	9929742	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/22/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	9929742	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	03/09/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

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C12
ESE **PA WELLS** **PASI60000212209**
1/4 - 1/2 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212405	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	118	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211375	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Entire Length Cased, Open End		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	7.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2450676	Assigned By:	PA DEP PWSID
Comments:	Population Served = 300		

D13
SE
1/4 - 1/2 Mile
Lower

PA WELLS **PASI60000212154**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212348	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	240	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211318	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Entire Length Cased, Open End		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	25.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2450522	Assigned By:	PA DEP PWSID
Comments:	Population Served = 200		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D14
SE
1/4 - 1/2 Mile
Lower

PA WELLS **PASI60000212155**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212349	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	240	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211319	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Entire Length Cased, Open End		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	30.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2450522	Assigned By:	PA DEP PWSID
Comments:	Population Served = 200		

E15
ESE
1/4 - 1/2 Mile
Lower

PA WELLS **PASI60000212337**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212537	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	200	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	211507	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451130	Assigned By:	PA DEP PWSID
Comments:	Population Served = 50		

F16
South
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203685**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203799	Local Well #:	7827N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	150	Elevation:	0
Site Type:	W	Depth to Bedrock:	40
Saltwater Zone:	0	Date Drilled:	17-JUN-85
Local Permit #:	Not Reported		
Owner ID:	202815	Ownership Date:	Not Reported
Construction Date:	17-JUN-85	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	20.
Static Water Level (ft):	27.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	150.	Drawdown (ft):	123.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	17-JUN-85
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported

Water Use:	DOMESTIC	Notes:	Not Reported

F17
SSE **PA WELLS** **PASI60000203684**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203798	Local Well #:	7826N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	325	Elevation:	0
Site Type:	W	Depth to Bedrock:	80
Saltwater Zone:	0	Date Drilled:	26-AUG-85
Local Permit #:	Not Reported		
Owner ID:	202814	Ownership Date:	Not Reported
Construction Date:	26-AUG-85	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	2.
Static Water Level (ft):	27.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	325.	Drawdown (ft):	298.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	26-AUG-85
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

E18
ESE **PA WELLS** **PASI60000212340**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212540	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	120	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	211510	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451132	Assigned By:	PA DEP PWSID
Comments:	Population Served = 100		

G19
ESE **FED USGS** **USGS40001029022**
1/2 - 1 Mile
Lower

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	MO 25	Type:	Well
Description:	Not Reported	HUC:	02040104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Valley and Ridge aquifers		
Formation Type:	Long Run Member of Catskill Formation		
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	98	Well Depth Units:	ft
Well Hole Depth:	98	Well Hole Depth Units:	ft

G20
ESE **PA WELLS** **PASI60000027285**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	27287	Local Well #:	MO 25
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	98	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Construction Date:	Not Reported	Driller:	0295
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	40.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		

Lithology:	SANDSTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

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H21
SE **PA WELLS** **PASI60000212157**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212351	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	280	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Owner ID:	211321	Ownership Date:	Not Reported

Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		

Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported

Other Identifier:	2450524	Assigned By:	PA DEP PWSID

Comments:	Population Served = 60

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

22
NNW
1/2 - 1 Mile
Lower

PA WELLS **PASI60000202892**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203006	Local Well #:	6693N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Valley Flat
Well Depth:	170	Elevation:	0
Site Type:	W	Depth to Bedrock:	85
Saltwater Zone:	0	Date Drilled:	01-NOV-83
Local Permit #:	Not Reported		
Owner ID:	202024	Ownership Date:	Not Reported
Construction Date:	01-NOV-83	Driller:	1647
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Bailer	Discharge:	20.
Static Water Level (ft):	36.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	60.	Drawdown (ft):	24.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	01-NOV-83
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Rt=Red & Blue Rock		

23
South
1/2 - 1 Mile
Higher

PA WELLS **PASI60000203718**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203832	Local Well #:	7863N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hilltop
Well Depth:	210	Elevation:	0
Site Type:	W	Depth to Bedrock:	1
Saltwater Zone:	0	Date Drilled:	01-JUN-86
Local Permit #:	Not Reported		
Owner ID:	202848	Ownership Date:	Not Reported

Construction Date:	01-JUN-86	Driller:	954
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Bailer	Discharge:	30.
Static Water Level (ft):	130.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	200.	Drawdown (ft):	70.
Yield (gmp/ft):	Not Reported	Test Length (min):	2.33
SiteStatus at Test:	Not Reported	Date Discharged:	01-JUN-86
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Rt=Sandstone & Red Rock		

24
East
1/2 - 1 Mile
Lower

PA WELLS **PASI60000212343**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212543	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	200	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211513	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451134	Assigned By:	PA DEP PWSID

Comments: Population Served = 140

I25
South
1/2 - 1 Mile
Lower

PA WELLS **PASI60000406110**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	20
Saltwater Zone:	0	Date Drilled:	08-MAY-12
Local Permit #:	Not Reported		
Owner ID:	7469544	Ownership Date:	Not Reported
Site Use:	J	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

I26
South
1/2 - 1 Mile
Lower

PA WELLS **PASI60000406109**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	20
Saltwater Zone:	0	Date Drilled:	07-MAY-12
Local Permit #:	Not Reported		
Owner ID:	7469543	Ownership Date:	Not Reported
Site Use:	J	Date of Use:	Not Reported
Water Use:	Not Reported	Notes:	Not Reported

J27
ESE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000396569**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	160	Elevation:	0
Site Type:	W	Depth to Bedrock:	48
Saltwater Zone:	0	Date Drilled:	03-AUG-11
Local Permit #:	Not Reported		

Owner ID:	7465186	Ownership Date:	Not Reported
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	50.	Static Water Level (ft):	30.
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	80.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	60.
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

H28
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000212158**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212352	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	500	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211322	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2450524	Assigned By:	PA DEP PWSID
Comments:	Population Served = 60		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J29
ESE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000212339**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212539	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	80	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211509	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451131	Assigned By:	PA DEP PWSID
Comments:	Population Served = 40		

H30
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000212281**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212480	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	325	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211450	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Entire Length Cased, Open End		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	15.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2450965	Assigned By:	PA DEP PWSID
Comments:	Population Served = 50		

31
ESE **PA WELLS** **PASI60000212338**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212538	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	80	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211508	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2451131	Assigned By:	PA DEP PWSID
Comments:	Population Served = 40		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

32
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203563**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203677	Local Well #:	6828N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	170	Elevation:	0
Site Type:	W	Depth to Bedrock:	40
Saltwater Zone:	0	Date Drilled:	01-APR-85
Local Permit #:	Not Reported		
Owner ID:	202693	Ownership Date:	Not Reported
Construction Date:	01-APR-85	Driller:	954
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Bailer	Discharge:	30.
Static Water Level (ft):	60.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	100.	Drawdown (ft):	40.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.5
SiteStatus at Test:	Not Reported	Date Discharged:	01-APR-85
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Wbz4)170;Dear Mt. Lake Lot 8		

33
North
1/2 - 1 Mile
Lower

PA WELLS **PASI60000202897**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203011	Local Well #:	6698N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	450	Elevation:	0
Site Type:	W	Depth to Bedrock:	53
Saltwater Zone:	0	Date Drilled:	23-OCT-79
Local Permit #:	Not Reported		
Owner ID:	202029	Ownership Date:	Not Reported

Construction Date:	23-OCT-79	Driller:	295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	5.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	3.
SiteStatus at Test:	Not Reported	Date Discharged:	23-OCT-79
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

34
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203551**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203665	Local Well #:	5292N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	180	Elevation:	0
Site Type:	W	Depth to Bedrock:	65
Saltwater Zone:	0	Date Drilled:	01-FEB-81
Local Permit #:	Not Reported		
Owner ID:	202681	Ownership Date:	Not Reported
Construction Date:	01-FEB-81	Driller:	1120
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	15.	Static Water Level (ft):	140.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-FEB-81
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Rt=Red Rock

35
SSE **PA WELLS** **PASI60000203256**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203370	Local Well #:	4283N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	200	Elevation:	0
Site Type:	W	Depth to Bedrock:	52
Saltwater Zone:	0	Date Drilled:	28-SEP-81
Local Permit #:	Not Reported		
Owner ID:	202387	Ownership Date:	Not Reported
Construction Date:	28-SEP-81	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	6.	Static Water Level (ft):	80.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	195.	Drawdown (ft):	115.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	28-SEP-81
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

36
WSW **PA WELLS** **PASI60000203505**
1/2 - 1 Mile
Higher

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203619	Local Well #:	5246N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	525	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		

Construction Date:	Not Reported	Driller:	1170
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	New Well
Original Driller Name:	Not Reported		

Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	116.
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported

Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

K37
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40001028986**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	MO 209	Type:	Well
Description:	Not Reported	HUC:	02040104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Valley and Ridge aquifers		
Formation Type:	Long Run Member of Catskill Formation		
Aquifer Type:	Not Reported	Construction Date:	19620101
Well Depth:	200	Well Depth Units:	ft
Well Hole Depth:	200	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1962-10-01
Feet below surface:	42.00	Feet to sea level:	Not Reported
Note:	Not Reported		

K38
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000027126**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	27128	Local Well #:	MO 209
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	200	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-62
Local Permit #:	Not Reported		

Owner ID:	26895	Ownership Date:	01-JAN-62
Construction Date:	01-JAN-62	Driller:	0561
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Cable Tool
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	7.
Static Water Level (ft):	42.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	200.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	4.e-002
Test Length (min):	2.	SiteStatus at Test:	Not Reported
Date Discharged:	01-OCT-62		
Lithology:	SANDSTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

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39
SW
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203614**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203728	Local Well #:	7755N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	350	Elevation:	0
Site Type:	W	Depth to Bedrock:	3
Saltwater Zone:	0	Date Drilled:	05-JAN-89
Local Permit #:	Not Reported		
Owner ID:	202744	Ownership Date:	Not Reported
Construction Date:	05-JAN-89	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	10.
Static Water Level (ft):	100.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	350.	Drawdown (ft):	250.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.

SiteStatus at Test:	Not Reported	Date Discharged:	05-JAN-89
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Wbz4)209;5)320;Rt=Catskill;Pocono Manor Lot 205-207		

K40
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40001028979**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	MO 22	Type:	Well
Description:	Not Reported	HUC:	02040104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Valley and Ridge aquifers		
Formation Type:	Long Run Member of Catskill Formation		
Aquifer Type:	Not Reported	Construction Date:	19200101
Well Depth:	48	Well Depth Units:	ft
Well Hole Depth:	48	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1931-08-01
Feet below surface:	9.00	Feet to sea level:	Not Reported
Note:	Not Reported		

K41
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000027124**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	27126	Local Well #:	MO 22
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	48	Elevation:	1270
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-20
Local Permit #:	Not Reported		
Owner ID:	26893	Ownership Date:	01-JAN-20
Construction Date:	01-JAN-20	Driller:	0295
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Discharge Type:	Not Reported	Data Source:	Not Reported

Discharge Measurement Method:	Not Reported	Discharge:	Not Reported
Static Water Level (ft):	9.	Agency Providing Data:	Other/Unknown/Unspecified
WL Measurement Method:	UNKNOWN	Production Water Level (ft):	Not Reported
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	Not Reported	SiteStatus at Test:	STATIC WATER LEVEL
Date Discharged:	01-AUG-31		
Lithology:	SANDSTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

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L42
East
1/2 - 1 Mile
Lower

PA WELLS **PASI60000220871**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	575	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	10
Saltwater Zone:	0	Date Drilled:	13-SEP-89
Local Permit #:	Not Reported		
Owner ID:	220145	Ownership Date:	Not Reported
Construction Date:	13-SEP-89	Driller:	9994
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	mgb1231	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	1295
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Estimated	Discharge:	20.
Static Water Level (ft):	186.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	575.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	60.	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	"Aloha House"		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M43
North
1/2 - 1 Mile
Lower

PA WELLS **PASI60000202887**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203001	Local Well #:	6688N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	499	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	31-JUL-79
Local Permit #:	Not Reported		
Owner ID:	202019	Ownership Date:	Not Reported
Construction Date:	31-JUL-79	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	6.	Static Water Level (ft):	70.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	490.	Drawdown (ft):	420.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	31-JUL-79
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

M44
NNE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000202888**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203002	Local Well #:	6689N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	199	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	26-JUL-79
Local Permit #:	Not Reported		
Owner ID:	202020	Ownership Date:	Not Reported

Construction Date:	26-JUL-79	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	6.	Static Water Level (ft):	62.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	192.	Drawdown (ft):	130.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	26-JUL-79
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

N45
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40001028973**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	MO 20	Type:	Well
Description:	Not Reported	HUC:	02040104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Valley and Ridge aquifers		
Formation Type:	Long Run Member of Catskill Formation		
Aquifer Type:	Not Reported	Construction Date:	19000101
Well Depth:	98	Well Depth Units:	ft
Well Hole Depth:	98	Well Hole Depth Units:	ft

N46
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000027122**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	27124	Local Well #:	MO 20
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	98	Elevation:	1280
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-00
Local Permit #:	Not Reported		
Owner ID:	26891	Ownership Date:	01-JAN-00

Construction Date:	01-JAN-00	Driller:	-367
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Other/Unknown
How Finished:	Unknown	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

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M47
NNE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000202889**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203003	Local Well #:	6690N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	199	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	27-JUL-79
Local Permit #:	Not Reported		
Owner ID:	202021	Ownership Date:	Not Reported
Construction Date:	27-JUL-79	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	15.	Static Water Level (ft):	62.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	192.	Drawdown (ft):	130.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	27-JUL-79
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Wbz4)195		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L48
East
1/2 - 1 Mile
Lower

PA WELLS **PASI60000221295**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	475	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	12
Saltwater Zone:	0	Date Drilled:	04-MAY-93
Local Permit #:	Not Reported		
Owner ID:	221143	Ownership Date:	Not Reported
Construction Date:	04-MAY-93	Driller:	9994
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	mgb1236	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	1295
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Estimated	Discharge:	60.
Static Water Level (ft):	197.	Agency Providing Data:	Not Reported
WL Measurement Method:	Not Reported	Production Water Level (ft):	475.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	Not Reported
Test Length (min):	60.	SiteStatus at Test:	Not Reported
Date Discharged:	Not Reported		
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

O49
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203264**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203378	Local Well #:	4291N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	250	Elevation:	0
Site Type:	W	Depth to Bedrock:	16
Saltwater Zone:	0	Date Drilled:	02-AUG-77
Local Permit #:	Not Reported		
Owner ID:	202395	Ownership Date:	Not Reported
Construction Date:	02-AUG-77	Driller:	96
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	New Well

Original Driller Name:	Not Reported		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Not Reported	Discharge:	12.
Static Water Level (ft):	Not Reported	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	02-AUG-77
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

O50
SSE **PA WELLS** **PASI60000203263**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203377	Local Well #:	4290N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hilltop
Well Depth:	280	Elevation:	0
Site Type:	W	Depth to Bedrock:	11
Saltwater Zone:	0	Date Drilled:	01-JUL-77
Local Permit #:	Not Reported		
Owner ID:	202394	Ownership Date:	Not Reported
Construction Date:	01-JUL-77	Driller:	982
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	10.
Static Water Level (ft):	25.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	0.25
SiteStatus at Test:	Not Reported	Date Discharged:	01-JUL-77
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Deer Mt. Lake Estates Lot 45

O51
SSE **PA WELLS** **PASI60000203259**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203373	Local Well #:	4286N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	300	Elevation:	0
Site Type:	W	Depth to Bedrock:	8
Saltwater Zone:	0	Date Drilled:	01-JAN-78
Local Permit #:	Not Reported		
Owner ID:	202390	Ownership Date:	Not Reported
Construction Date:	01-JAN-78	Driller:	1170
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	6.	Static Water Level (ft):	72.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	283.	Drawdown (ft):	283.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.67
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-78
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Rt=Red & Grey Rock;Deer Mt. Lake

O52
SSE **PA WELLS** **PASI60000203258**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203372	Local Well #:	4285N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	200	Elevation:	0
Site Type:	W	Depth to Bedrock:	11
Saltwater Zone:	0	Date Drilled:	01-JAN-78
Local Permit #:	Not Reported		
Owner ID:	202389	Ownership Date:	Not Reported

Construction Date:	01-JAN-78	Driller:	1170
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	30.	Static Water Level (ft):	38.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	92.	Drawdown (ft):	92.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.25
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-78
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Deer Mt. Lake Lot 55		

O53
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203257**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203371	Local Well #:	4284N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Flat Surface
Well Depth:	170	Elevation:	0
Site Type:	W	Depth to Bedrock:	30
Saltwater Zone:	0	Date Drilled:	01-AUG-77
Local Permit #:	Not Reported		
Owner ID:	202388	Ownership Date:	Not Reported
Construction Date:	01-AUG-77	Driller:	1352
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Bailer	Discharge:	10.
Static Water Level (ft):	100.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	170.	Drawdown (ft):	70.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.25
SiteStatus at Test:	Not Reported	Date Discharged:	01-AUG-77
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Wbz4)160

O54
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203260**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203374	Local Well #:	4287N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	160	Elevation:	0
Site Type:	W	Depth to Bedrock:	20
Saltwater Zone:	0	Date Drilled:	26-JUL-81
Local Permit #:	Not Reported		
Owner ID:	202391	Ownership Date:	Not Reported
Construction Date:	26-JUL-81	Driller:	1352
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	New Well
Original Driller Name:	Not Reported		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Bailer	Discharge:	9.
Static Water Level (ft):	84.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	160.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	26-JUL-81
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Deer Mt. Lake Estates

O55
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203261**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203375	Local Well #:	4288N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	126	Elevation:	0
Site Type:	W	Depth to Bedrock:	42
Saltwater Zone:	0	Date Drilled:	08-NOV-79

Local Permit #:	Not Reported		
Owner ID:	202392	Ownership Date:	Not Reported
Construction Date:	08-NOV-79	Driller:	1352
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	New Well
Original Driller Name:	Not Reported		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Bailer	Discharge:	30.
Static Water Level (ft):	60.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	70.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	08-NOV-79
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

O56
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203262**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203376	Local Well #:	4289N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	250	Elevation:	0
Site Type:	W	Depth to Bedrock:	12
Saltwater Zone:	0	Date Drilled:	06-NOV-78
Local Permit #:	Not Reported		
Owner ID:	202393	Ownership Date:	Not Reported
Construction Date:	06-NOV-78	Driller:	144
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Estimated	Discharge:	5.
Static Water Level (ft):	70.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	200.	Drawdown (ft):	130.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.5

SiteStatus at Test:	Not Reported	Date Discharged:	06-NOV-78
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Deer Mt. Lake Lot 60		

P57
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000204218**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	204332	Local Well #:	X 0817
Aquifer:	CATSKILL FORMATION	Topography:	Hillside
Well Depth:	150	Elevation:	0
Site Type:	W	Depth to Bedrock:	28
Saltwater Zone:	0	Date Drilled:	01-JAN-67
Local Permit #:	Not Reported		
Owner ID:	203347	Ownership Date:	Not Reported
Construction Date:	01-JAN-67	Driller:	0954
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Unknown	Discharge:	9.
Static Water Level (ft):	31.	Agency Providing Data:	Drillers Record
WL Measurement Method:	REPORTED, METHOD NOT KNOWN		
Production Water Level (ft):	Not Reported	Drawdown (ft):	109.
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	01-JAN-67
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

58
South
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203116**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203230	Local Well #:	4142N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	122	Elevation:	0
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	27-JUL-77
Local Permit #:	Not Reported		
Owner ID:	202248	Ownership Date:	Not Reported
Construction Date:	27-JUL-77	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	New Well
Original Driller Name:	Not Reported		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	6.	Static Water Level (ft):	30.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	110.	Drawdown (ft):	80.
Yield (gmp/ft):	Not Reported	Test Length (min):	2.
SiteStatus at Test:	Not Reported	Date Discharged:	27-JUL-77
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

P59
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000212170**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212364	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	150	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211334	Ownership Date:	Not Reported

Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	Not Reported
Original Driller Name:	Not Reported		
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Other Identifier:	2450562	Assigned By:	PA DEP PWSID
Comments:	Population Served = 75		

Q60
NNW
1/2 - 1 Mile
Higher

PA WELLS **PASI60000220172**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	70	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	24
Saltwater Zone:	0	Date Drilled:	01-APR-93
Local Permit #:	Not Reported		
Owner ID:	222745	Ownership Date:	Not Reported
Construction Date:	01-APR-93	Driller:	9994
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Finshed with Mfg Well Screen		
Driller Well ID:	mgb2217	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	0198
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	0.25	Static Water Level (ft):	35.
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	50.	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	60.
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Mw1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q61
NNW
1/2 - 1 Mile
Higher

PA WELLS **PASI60000219858**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	130	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	14
Saltwater Zone:	0	Date Drilled:	01-APR-93
Local Permit #:	Not Reported		
Owner ID:	219398	Ownership Date:	Not Reported
Construction Date:	01-APR-93	Driller:	9994
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	mgb2220	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	0198
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	Not Reported	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Mw4		

Q62
NNW
1/2 - 1 Mile
Higher

PA WELLS **PASI60000220174**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	70	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	26
Saltwater Zone:	0	Date Drilled:	01-APR-93
Local Permit #:	Not Reported		
Owner ID:	221549	Ownership Date:	Not Reported
Construction Date:	01-APR-93	Driller:	9994
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		

Driller Well ID:	mgb2219	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	0198
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	Not Reported	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Mw3		

Q63
NNW
1/2 - 1 Mile
Higher

PA WELLS **PASI60000220173**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	0	Local Well #:	Not Reported
Aquifer:	Not Reported	Topography:	Not Reported
Well Depth:	130	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	12
Saltwater Zone:	0	Date Drilled:	01-MAY-93
Local Permit #:	Not Reported		
Owner ID:	222746	Ownership Date:	Not Reported
Construction Date:	01-MAY-93	Driller:	9994
Source of Construction Data:	Not Reported	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	mgb2218	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	0198
Discharge Type:	Not Reported	Data Source:	Not Reported
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	0.25	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Site Use:	Not Reported	Date of Use:	Not Reported
Water Use:	INDUSTRIAL	Notes:	Not Reported
Comments:	Mw2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P64
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40001008546**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	MO 485	Type:	Well
Description:	Not Reported	HUC:	02040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Valley and Ridge aquifers		
Formation Type:	Long Run Member of Catskill Formation		
Aquifer Type:	Not Reported	Construction Date:	19730101
Well Depth:	200	Well Depth Units:	ft
Well Hole Depth:	200	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1973-05-01
Feet below surface:	57.00	Feet to sea level:	Not Reported
Note:	Not Reported		

P65
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000026734**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	26736	Local Well #:	MO 485
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	200	Elevation:	1220
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-73
Local Permit #:	Not Reported		

Owner ID:	26515	Ownership Date:	01-JAN-73

Construction Date:	01-JAN-73	Driller:	1052
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported

Discharge Type:	Pumped	Data Source:	Not Reported
Discharge Measurement Method:	Not Reported	Discharge:	10.
Static Water Level (ft):	57.	Agency Providing Data:	Drillers Record
WL Measurement Method:	Not Reported	Production Water Level (ft):	182.
Drawdown (ft):	Not Reported	Yield (gmp/ft):	8.e-002
Test Length (min):	1.	SiteStatus at Test:	Not Reported
Date Discharged:	01-MAY-73		

Lithology:	SANDSTONE	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported

Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported

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66
ESE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000212207**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	212403	Local Well #:	Not Reported
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Not Reported
Well Depth:	325	Elevation:	0
Site Type:	Not Reported	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	Not Reported
Local Permit #:	Not Reported		
Owner ID:	211373	Ownership Date:	Not Reported
Construction Date:	Not Reported	Driller:	Not Reported
Source of Construction Data:	WELL OWNER	Construction Method:	Not Reported
How Finished:	Entire Length Cased, Open End		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Discharge Type:	Pumped	Data Source:	WELL OWNER
Discharge Measurement Method:	Reported, Method not known		
Discharge:	80.	Static Water Level (ft):	Not Reported
Agency Providing Data:	Not Reported	WL Measurement Method:	Not Reported
Production Water Level (ft):	Not Reported	Drawdown (ft):	Not Reported
Yield (gmp/ft):	Not Reported	Test Length (min):	Not Reported
SiteStatus at Test:	Not Reported	Date Discharged:	Not Reported
Lithology:	SANDSTONE	Contributing Unit:	Not Reported
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	INSTITUTIONAL	Notes:	Not Reported
Other Identifier:	2450671	Assigned By:	PA DEP PWSID
Comments:	Population Served = 1500		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R67
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203273**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203387	Local Well #:	4300N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	174	Elevation:	0
Site Type:	W	Depth to Bedrock:	55
Saltwater Zone:	0	Date Drilled:	02-AUG-79
Local Permit #:	Not Reported		
Owner ID:	202404	Ownership Date:	Not Reported
Construction Date:	02-AUG-79	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	7.	Static Water Level (ft):	80.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	170.	Drawdown (ft):	90.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	02-AUG-79
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported
Comments:	Deer Mt. Lake Dev.;Lot 27		

P68
SE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203272**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203386	Local Well #:	4299N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	222	Elevation:	0
Site Type:	W	Depth to Bedrock:	80
Saltwater Zone:	0	Date Drilled:	16-JUL-76
Local Permit #:	Not Reported		
Owner ID:	202403	Ownership Date:	Not Reported

Construction Date:	16-JUL-76	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Not Reported	Driller Well ID:	Not Reported
Reason Abandoned:	Not Reported	Construction Type:	New Well
Original Driller Name:	Not Reported		
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	6.	Static Water Level (ft):	65.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	190.	Drawdown (ft):	125.
Yield (gmp/ft):	Not Reported	Test Length (min):	2.
SiteStatus at Test:	Not Reported	Date Discharged:	16-JUL-76
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

S69
ENE **PA WELLS** **PASI60000027306**
1/2 - 1 Mile
Lower

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	27308	Local Well #:	MO 585
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	343	Elevation:	1240
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-63
Local Permit #:	Not Reported		
Owner ID:	27067	Ownership Date:	01-JAN-63
Construction Date:	01-JAN-63	Driller:	1
Source of Construction Data:	WELL OWNER	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	COMMERCIAL	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	1	Assigned By:	OWNER PA

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S70
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS40001029188**

Organization ID:	USGS-PA		
Organization Name:	USGS Pennsylvania Water Science Center		
Monitor Location:	MO 585	Type:	Well
Description:	Not Reported	HUC:	02040104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Valley and Ridge aquifers		
Formation Type:	Long Run Member of Catskill Formation		
Aquifer Type:	Not Reported	Construction Date:	1963
Well Depth:	343	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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R71
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203564**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203678	Local Well #:	6829N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	275	Elevation:	0
Site Type:	W	Depth to Bedrock:	34
Saltwater Zone:	0	Date Drilled:	01-NOV-84
Local Permit #:	Not Reported		
Owner ID:	202694	Ownership Date:	Not Reported
Construction Date:	01-NOV-84	Driller:	1170
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	40.	Static Water Level (ft):	45.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	180.	Drawdown (ft):	180.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.42
SiteStatus at Test:	Not Reported	Date Discharged:	01-NOV-84
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Deer Lake Lot 34

72
SSE
1/2 - 1 Mile
Lower

PA WELLS **PASI60000203274**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	203388	Local Well #:	4301N
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Flat Surface
Well Depth:	174	Elevation:	0
Site Type:	W	Depth to Bedrock:	35
Saltwater Zone:	0	Date Drilled:	25-JUL-79
Local Permit #:	Not Reported		
Owner ID:	202405	Ownership Date:	Not Reported
Construction Date:	25-JUL-79	Driller:	1295
Source of Construction Data:	DRILLERS RECORD	Construction Method:	Not Reported
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	New Well	Original Driller Name:	Not Reported
Discharge Type:	Unknown	Data Source:	DRILLERS RECORD
Discharge Measurement Method:	Voumetric, Watch and Bucket		
Discharge:	20.	Static Water Level (ft):	50.
Agency Providing Data:	Drillers Record	WL Measurement Method:	REPORTED, METHOD NOT KNOWN
Production Water Level (ft):	170.	Drawdown (ft):	120.
Yield (gmp/ft):	Not Reported	Test Length (min):	1.
SiteStatus at Test:	Not Reported	Date Discharged:	25-JUL-79
Lithology:	Not Reported	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	DOMESTIC	Notes:	Not Reported

Comments: Deer Mt. Lake Dev.;Lot 67

73
NNW
1/2 - 1 Mile
Higher

PA WELLS **PASI60000027311**

Database:	Pennsylvania Groundwater Information System		
GWIS ID:	27313	Local Well #:	MO 605
Aquifer:	LONG RUN MEMBER-CATSKL FM	Topography:	Hillside
Well Depth:	440	Elevation:	1700
Site Type:	W	Depth to Bedrock:	0
Saltwater Zone:	0	Date Drilled:	01-JAN-76
Local Permit #:	Not Reported		
Owner ID:	27072	Ownership Date:	01-JAN-94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	01-JAN-76	Driller:	1
Source of Construction Data:	OTHER/UNKNOWN/UNSPECIFIED	Construction Method:	Air Rotary
How Finished:	Unsuppored (Uncased) Borehole		
Driller Well ID:	Not Reported	Reason Abandoned:	Not Reported
Construction Type:	Not Reported	Original Driller Name:	Not Reported
Lithology:	UNKNOWN	Contributing Unit:	Primary
Top of Interval:	Not Reported	Bottom of Interval:	Not Reported
Site Use:	WITHDRAWAL	Date of Use:	Not Reported
Water Use:	PUBLIC SUPPLY	Notes:	Not Reported
Agency Site Use:	Inventory Data Site Only	Agency Use Date:	Not Reported
Other Identifier:	2	Assigned By:	OWNER PA

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: PA Radon

Radon Test Results

Zipcode	Num Tests	Min pCi/L	Max pCi/L	Avg pCi/L
18344	430	0.1	160.3	6.2

EPA Region 3 Statistical Summary Readings for Zip Code: 18344

Number of sites tested: 269.

Maximum Radon Level: 80.0 pCi/L.
Minimum Radon Level: 0.4 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
200 (74.35%)	37 (13.75%)	19 (7.06%)	8 (2.97%)	5 (1.86%)	0 (0.00%)

Federal EPA Radon Zone for MONROE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Pennsylvania Spatial Data Access
Telephone: 610-344-6105

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Pennsylvania Groundwater Information System
Source: Department of Conservation and Natural Resources
Telephone: 717-702-2045

OTHER STATE DATABASE INFORMATION

Pennsylvania Oil and Gas Locations
Source: Pennsylvania Department of Environmental Protection
Telephone: 814-863-0104
An Oil and Gas Location is a DEP primary facility type related to the Oil & Gas Program. The sub-facility types related to Oil and Gas that are included in this layer are:Land Application -- An area where drilling cuttings or waste are disposed by land application; Well-- A well associated with oil and/or gas production; Pit -- An approved pit that is used for storage of oil and gas well fluids. Some sub facility types are not included in this layer due to security policies.

RADON

State Database: PA Radon
Source: Department of Environmental Protection
Telephone: 717-783-3594
Radon Test Results Statistics by Zip Code

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Region 3 Statistical Summary Readings
Source: Region 3 EPA
Telephone: 215-814-2082
Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

Appendix B

Fact Sheet

Commonwealth of Pennsylvania • Department of Environmental Protection

Erosion and Sediment Control
Best Management Practices For Water Well Drilling And Aquifer Testing

This fact sheet describes Best Management Practices that should be used in developing and implementing erosion and sediment (E&S) control plans for water well drilling and aquifer testing sites. Because site conditions vary greatly, it is recommended that all well drilling contractors meet with county conservation district staff prior to beginning the work to discuss site constraints and to develop the most appropriate E&S plan. Consideration should be given to the terrain, vegetative cover, soil types, underlying geology and proximity to waterways and wetlands.

Erosion and Sediment Control Measures for Residential Wells and Other Low Capacity Wells

The installation of most residential wells typically involves the generation of **up to 25 gallons per minute (gpm)** including both the drilling operation and the pumping operation. The recommended E&S control measures to address the low flows leaving the well casing involve limited detention and then discharge from the well area overland through vegetated terrain.

Detention time should be provided to cause the well cuttings and solids to drop out of the flow. For wells being drilled at construction sites, this can be accomplished by excavating a shallow trench, 10 to 15 feet long, immediately downgrade of the well. The downstream edge of the trench should be level to allow water to spill out uniformly over the entire length of the trench. A semi-circle of silt fence or straw bales should be installed downgrade of the trench for further sediment removal. Refer to Tables 17 and 18 of the Erosion and Sediment Pollution Control Program Manual (E&S Manual) on the DEP website at www.dep.state.pa.us (directLINK "erosion control publications"), for straw bale and filter fence requirements.

From the trench, overland flow should be directed as sheet flow across a thickly vegetated area. This vegetated filter must conform to slope requirements discussed for vegetated filter strips on page 82 of the E&S Manual. As indicated, a minimum of 50 feet of vegetated terrain must be available between the trench and the nearest down slope water conveyance. If adequate vegetation is not available downgrade of the well site, or if the minimum distance to water conveyance is less than 50 feet, E&S measures for medium and high capacity wells described below should be employed. These more rigorous E&S measures for medium and high capacity wells should also be used for all residential or small sized wells drilled within 200 feet of special protection waterways.

For wells being installed in established, landscaped areas, minimal site disturbance is desirable. An alternative to the trench described above is to use a device on the well casing to divert drillings to a tank truck or a container which can be hauled from the site for disposal.

Erosion and Sediment Control Measures for Medium and High Capacity Wells

More rigorous E&S measures are recommended for medium and high capacity wells with anticipated flows **exceeding 25 gpm.** Most larger private wells and public water supply wells will exceed these low flows.

The recommended E&S measures to address the medium to high flows leaving the well casing involve detention in an excavated sump and pumping the settled water through a filter bag.

Adequate detention time can be provided by directing well casing overflow to an excavated sump sized so that the volume of the sump in cubic feet is equal to the flow in gallons per minute. Settled water from the sump is pumped to an appropriately sized filter bag. According to manufacturer's recommendations, the filter bag should be placed on a stabilized area of dense vegetation as shown in Standard Construction Detail #26 (E&S Manual). If the vegetative cover is not available, the filter bag should be placed on a bed of gravel.

Erosion and Sediment Control Measures for Aquifer Testing

Flows exceeding 500 gpm are possible during aquifer testing of some water supply wells. The clarity of the test flows may vary from very muddy in a limestone aquifer where clay is present, to quite clear in a sandstone aquifer. Measures must be taken to prevent sediment pollution from aquifer tests with turbid water. Precautions are also needed to allow high flows of clear water to discharge from the site without causing accelerated erosion of the landscape.

Muddy water yielded by aquifer testing should be allowed to settle and then pumped through a filter bag as described above in E&S Control Measures for Medium and High Capacity Wells. Considering that these flows can be very high, the contractor must utilize large

enough filter bags or construct a manifold system using several smaller bags at one time. Care should also be taken to replace the bags promptly when full or when they fail due to a tear in the material.

In a situation where the actual well yields exceed anticipated flows by a considerable amount and the erosion and sediment control measures are inadequately sized, and waterways are threatened with sediment pollution, the operation must be shut down until more appropriate E&S controls are provided. It is recommended that the county conservation district or DEP Regional Office be contacted to assist in developing the appropriate E&S controls.

Clear water flows generated during well yield pumping should be discharged to a watercourse by way of a diversion channel or conduit. The project's E&S plan should provide details on proposed means of transporting the clear water. A typical cross section and design considerations for a clear water diversion channel are provided in Standard Worksheet #22 in the E&S Manual. The channel lining must be designed appropriately for the anticipated velocity. In a similar manner, if a conduit is proposed, supporting hydraulic design information should be provided.

Adequate protection against erosion should be placed at the downstream end of the clear water diversion channel or conduit. A General Permit No. 3 may be required for the protection and a General Permit No. 4 may be required for the outfall, depending on the drainage area of the receiving stream at the discharge point.

It is important to remember that when considering the most appropriate means of controlling erosion and sediment at well sites, recirculating the discharge water into the aquifer will invalidate the aquifer test. Therefore, care must be taken in designing and locating the E&S control measures so that the aquifer test does not induce artificial recharge from discharged well water.

Summary

The preceding E&S measures are considered acceptable Best Management Practices for well drilling sites. However, site constraints may require that other measures be taken to prevent erosion and sediment pollution. Alternatives to these measures can be developed and agreed upon by the well driller and the conservation district where appropriate.

For more information, call the county conservation district or the DEP regional office in your area or contact:

Department of Environmental Protection
Bureau of Watershed Management
P.O. Box 8555
Harrisburg, PA 17105-8555
(717) 787-5259

Department of Environmental Protection
Bureau of Water Supply and Wastewater Management
P.O. Box 8467
Harrisburg, PA 17105-8467
(717) 783-3795

Southeast Region
Suite 6010, Lee Park
555 North Lane
Conshohocken, PA 19428
Water Supply: 610-832-6059
Soils and Waterways: 610-832-6131

Counties: *Bucks, Chester, Delaware, Montgomery and Philadelphia*

Northwest Region
230 Chestnut St.
Meadville, PA 16335-3481
Water Supply: 814-332-6899
Soils and Waterways: 814-332-6942

Counties: *Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren*

Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
Water Supply: 412-442-4217
Soils and Waterways: 412-442-4028

Counties: *Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland*

Northeast Region
2 Public Square
Wilkes-Barre, PA 18711-0790
Water Supply: 570-826-2511
Soils and Waterways: 570-826-2553

Counties: *Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne and Wyoming*

Southcentral Region
909 Elmerton Ave.
Harrisburg, PA 17110
Water Supply: 717-705-4708
Soils and Waterways: 717-705-4707

Counties: *Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry and York*

Northcentral Region
208 W. Third St., Suite 101
Suite 101
Williamsport, PA 17701
Water Supply: 570-327-3675
Soils and Waterways: 570-327-3670

Counties: *Bradford, Cameron, Clearfield, Centre, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union*

This fact sheet and related environmental information are available electronically via Internet. For more information, visit us through PA PowerPort at http://www.state.pa.us or visit DEP directly at http://www.dep.state.pa.us (choose directLINK "Drinking Water Publications").

www.GreenWorks.tv - A web space dedicated to helping you learn how to protect and improve the environment. The site features the largest collection of environmental videos available on the Internet and is produced by the nonprofit Environmental Fund for Pennsylvania, with financial support from the Pennsylvania Department of Environmental Protection, 877-PA-GREEN.

Commonwealth of Pennsylvania
Tom Ridge, Governor

Department of Environmental Protection
David E. Hess, Secretary
3800-FS-DEP2685 7/2001

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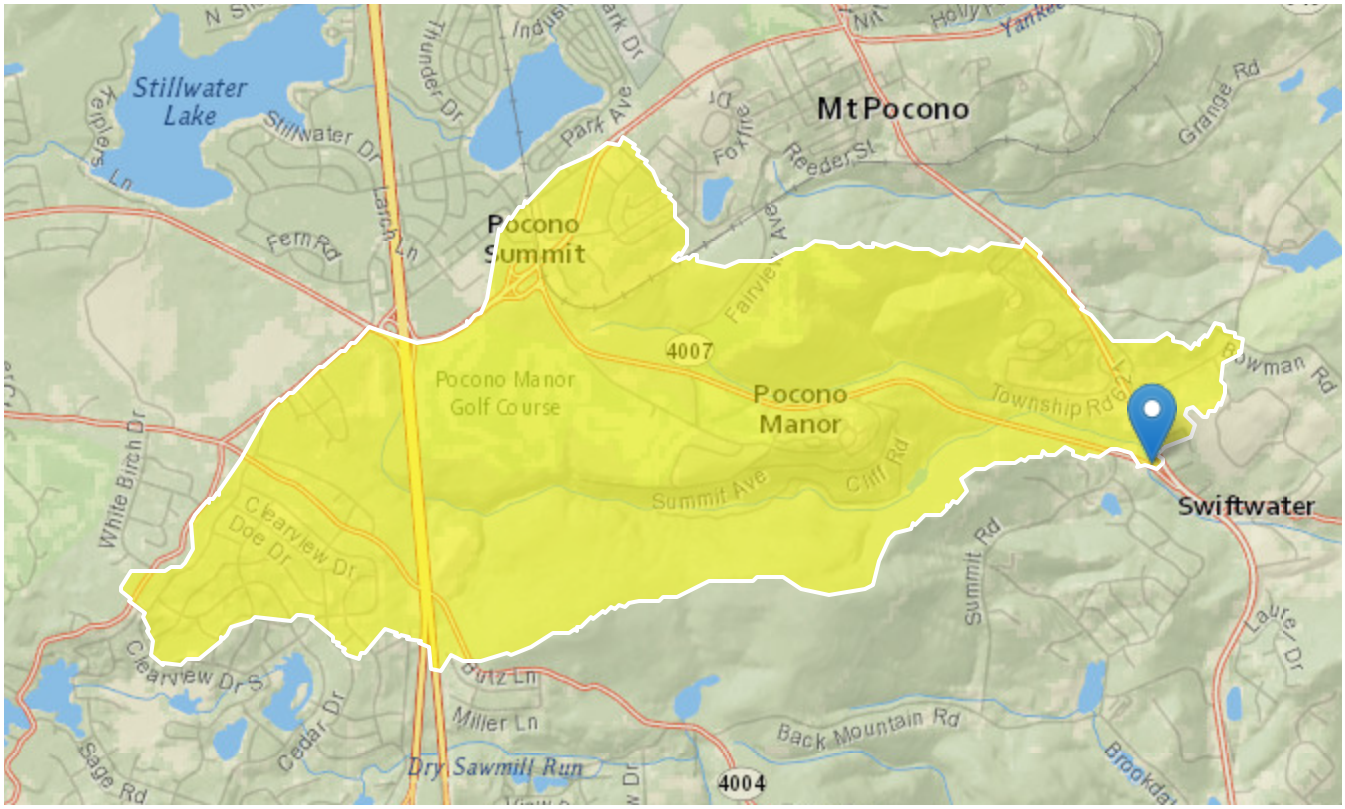
Recycled Paper

StreamStats Report

Region ID: PA
Workspace ID: PA20220622192604776000
Clicked Point (Latitude, Longitude): 41.09788, -75.33368
Time: 2022-06-22 15:26:26 -0400



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
CARBON	Percentage of area of carbonate rock	0	percent
DRNAREA	Area that drains to a point on a stream	5.91	square miles
ELEV	Mean Basin Elevation	1698	feet
ELEVMAX	Maximum basin elevation	2028	feet
FOREST	Percentage of area covered by forest	75.0258	percent

Parameter Code	Parameter Description	Value	Unit
GLACIATED	Percentage of basin area that was historically covered by glaciers	100	percent
PRECIP	Mean Annual Precipitation	47	inches
URBAN	Percentage of basin with urban development	16.5331	percent

Peak-Flow Statistics

Peak-Flow Statistics Parameters [100.0 Percent (5.91 square miles) Peak Flow Region 1 SIR 2019 5094]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	5.91	square miles	3.04	1490
ELEVMAX	Maximum Basin Elevation	2028	feet	1470	2690

Peak-Flow Statistics Flow Report [100.0 Percent (5.91 square miles) Peak Flow Region 1 SIR 2019 5094]

PIl: Prediction Interval-Lower, PIu: Prediction Interval-Upper, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	ASEp
50-percent AEP flood	366	ft^3/s	25.2
20-percent AEP flood	624	ft^3/s	28.3
10-percent AEP flood	834	ft^3/s	30.3
4-percent AEP flood	1150	ft^3/s	32.4
2-percent AEP flood	1410	ft^3/s	33.6
1-percent AEP flood	1710	ft^3/s	35.6
0.5-percent AEP flood	2050	ft^3/s	37.5
0.2-percent AEP flood	2540	ft^3/s	40.4

Peak-Flow Statistics Citations

Roland, M.A., and Stuckey, M.H.,2019, Development of regression equations for the estimation of flood flows at ungaged streams in Pennsylvania: U.S. Geological Survey

Scientific Investigations Report 2019–5094, 36 p. (https://doi.org/10.3133/sir20195094)

Low-Flow Statistics

Low-Flow Statistics Parameters [99.9 Percent (5.91 square miles) Low Flow Region 5]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	5.91	square miles	4.84	982
PRECIP	Mean Annual Precipitation	47	inches	33.1	47.1
GLACIATED	Percent of Glaciation	100	percent	0	100
FOREST	Percent Forest	75.0258	percent	41	100

Low-Flow Statistics Flow Report [99.9 Percent (5.91 square miles) Low Flow Region 5]

PIl: Prediction Interval-Lower, PIu: Prediction Interval-Upper, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	SE	ASEp
7 Day 2 Year Low Flow	0.702	ft^3/s	38	38
30 Day 2 Year Low Flow	1.01	ft^3/s	33	33
7 Day 10 Year Low Flow	0.257	ft^3/s	57	57
30 Day 10 Year Low Flow	0.394	ft^3/s	51	51
90 Day 10 Year Low Flow	0.667	ft^3/s	41	41

Low-Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)

General Flow Statistics

General Flow Statistics Parameters [Statewide Mean and Base Flow]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	5.91	square miles	2.26	1720
PRECIP	Mean Annual Precipitation	47	inches	33.1	50.4
CARBON	Percent Carbonate	0	percent	0	99
FOREST	Percent Forest	75.0258	percent	5.1	100
URBAN	Percent Urban	16.5331	percent	0	89

General Flow Statistics Flow Report [Statewide Mean and Base Flow]

PIl: Prediction Interval-Lower, PIu: Prediction Interval-Upper, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	SE	ASEp
Harmonic Mean Streamflow	3.36	ft^3/s	38	38

General Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)

Base Flow Statistics

Base Flow Statistics Parameters [Statewide Mean and Base Flow]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	5.91	square miles	2.26	1720
PRECIP	Mean Annual Precipitation	47	inches	33.1	50.4
CARBON	Percent Carbonate	0	percent	0	99
FOREST	Percent Forest	75.0258	percent	5.1	100

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
URBAN	Percent Urban	16.5331	percent	0	89

Base Flow Statistics Flow Report [Statewide Mean and Base Flow]

PII: Prediction Interval-Lower, PIu: Prediction Interval-Upper, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	SE	ASEp
Base Flow 10 Year Recurrence Interval	4.95	ft^3/s	21	21
Base Flow 25 Year Recurrence Interval	4.48	ft^3/s	21	21
Base Flow 50 Year Recurrence Interval	4.21	ft^3/s	23	23

Base Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)

Annual Flow Statistics

Annual Flow Statistics Parameters [Statewide Mean and Base Flow]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	5.91	square miles	2.26	1720
ELEV	Mean Basin Elevation	1698	feet	130	2700
PRECIP	Mean Annual Precipitation	47	inches	33.1	50.4
FOREST	Percent Forest	75.0258	percent	5.1	100
URBAN	Percent Urban	16.5331	percent	0	89

Annual Flow Statistics Flow Report [Statewide Mean and Base Flow]

PII: Prediction Interval-Lower, PIu: Prediction Interval-Upper, ASEp: Average Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	SE	ASEp

Statistic	Value	Unit	SE	ASEp
Mean Annual Flow	12.2	ft^3/s	12	12

Annual Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)

Application Version: 4.10.0
StreamStats Services Version: 1.2.22
NSS Services Version: 2.2.1