Using the DEQ Web Mapping Program

Purpose: To teach you the Basics on how to use the DEQ Web Mapping Program to find Opencut Data.

Prepared By: J.J. Conner – Opencut Division

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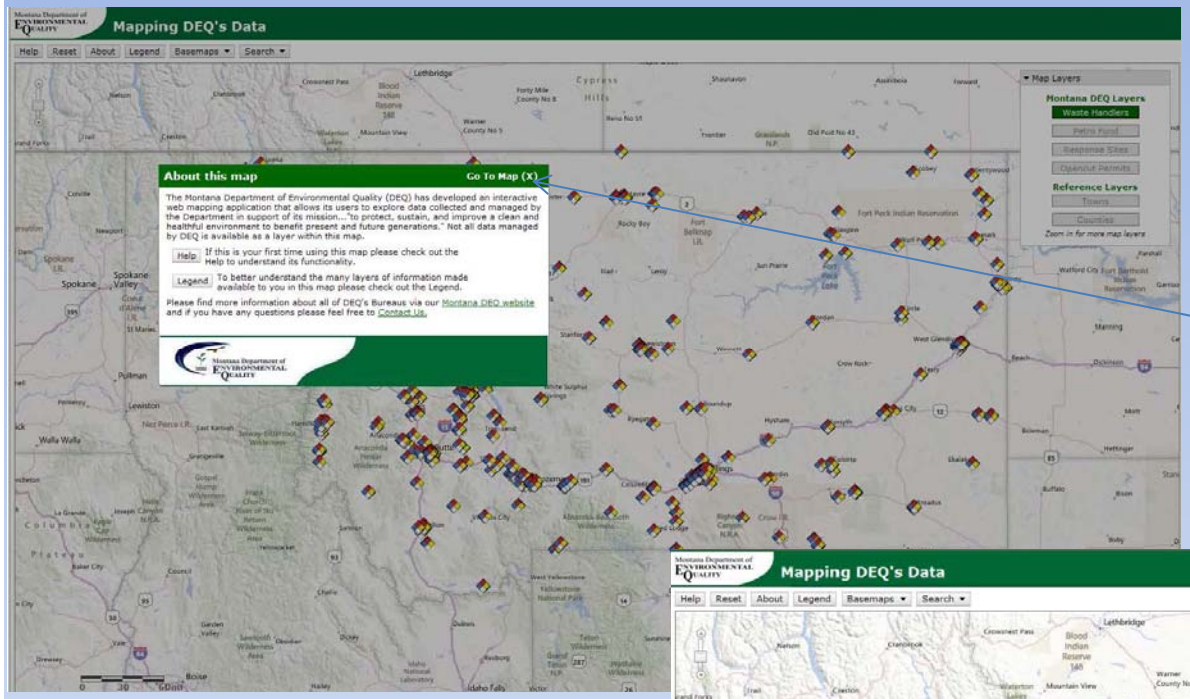
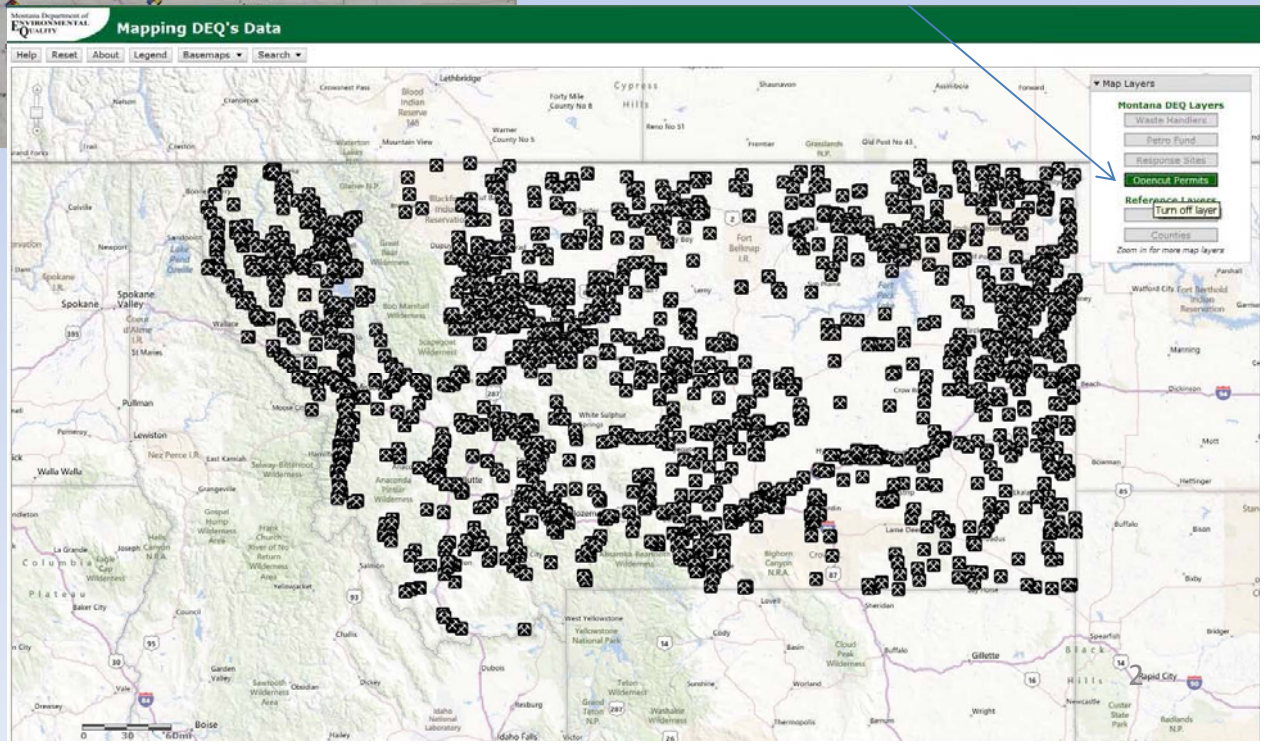
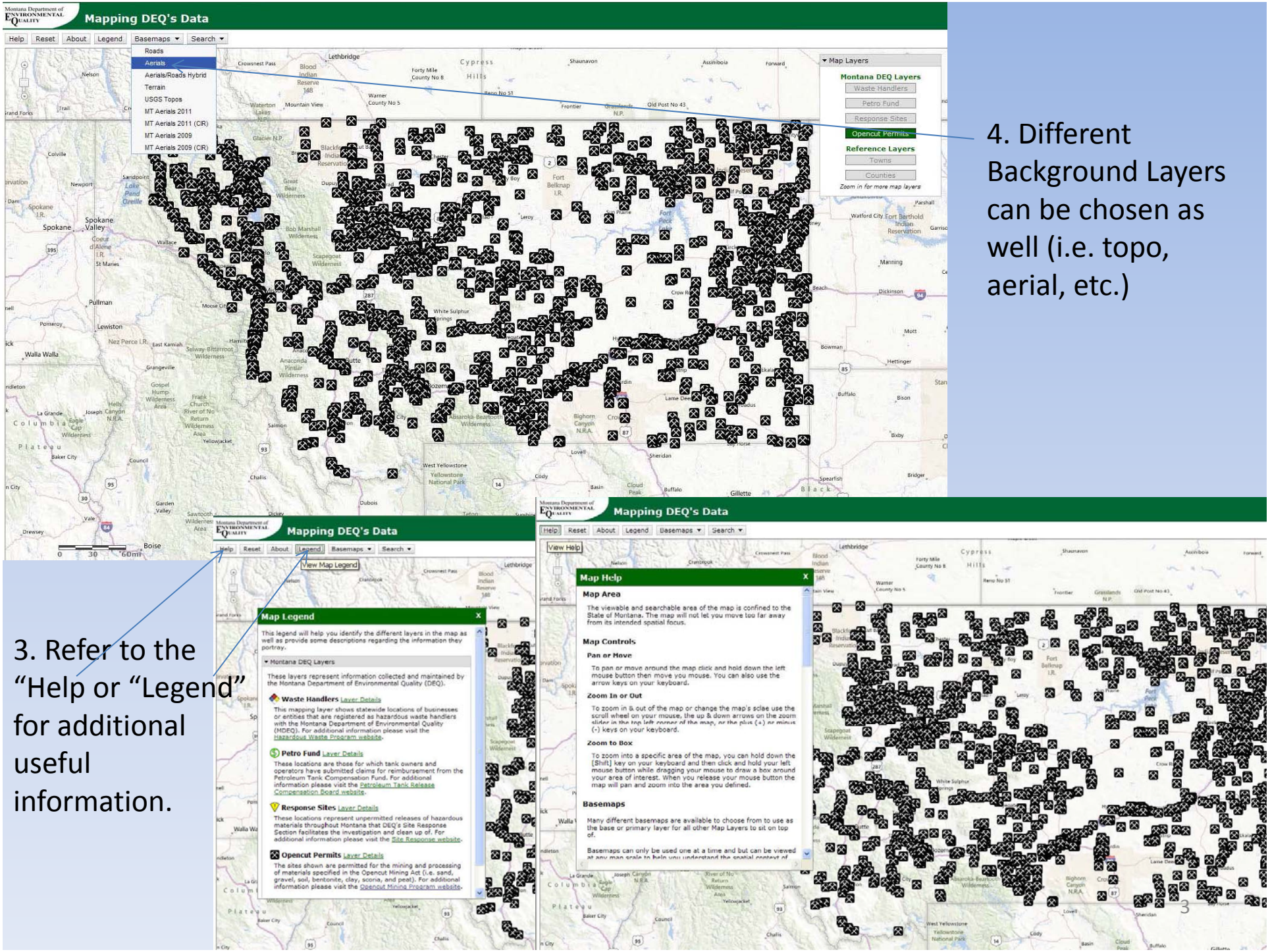
Use the Following Link to Open the DEQ's Mapping Data Service: http://svc.mt.gov/deq/wmadst



1. Depending on your internet speed some maps load quicker than others. You can tell when the map is done loading because you can click on the "Go To Map"

2. Click off all Layers Except "Opencut Permits"




Mapping DEQ's Data
Help
Reset
About
Legend
Basemaps
Search
Roads
Aerials
Aerials/Roads Hybrid
Terrain
USGS Topos
MT Aerials 2011
MT Aerials 2011 (CIR)
MT Aerials 2009
MT Aerials 2009 (CIR)
Map Layers
Montana DEQ Layers
Waste Handlers
Petro Fund
Response Sites
Opencut Permits
Reference Layers
Towns
Counties
Zoom in for more map layers
4. Different Background Layers can be chosen as well (i.e. topo, aerial, etc.)
3. Refer to the "Help or "Legend" for additional useful information.
View Map Legend
Map Legend
This legend will help you identify the different layers in the map as well as provide some descriptions regarding the information they portray.
Montana DEQ Layers
These layers represent information collected and maintained by the Montana Department of Environmental Quality (DEQ).
Waste Handlers Layer Details
This mapping layer shows statewide locations of businesses or entities that are registered as hazardous waste handlers with the Montana Department of Environmental Quality (MDEQ). For additional information please visit the Hazardous Waste Program website.
Petro Fund Layer Details
These locations are those for which tank owners and operators have submitted claims for reimbursement from the Petroleum Tank Compensation Fund. For additional information please visit the Petroleum Tank Release Compensation Board website.
Response Sites Layer Details
These locations represent unpermitted releases of hazardous materials throughout Montana that DEQ's Site Response Section facilitates the investigation and clean up of. For additional information please visit the Site Response website.
Opencut Permits Layer Details
The sites shown are permitted for the mining and processing of materials specified in the Opencut Mining Act (i.e. sand, gravel, soil, bentonite, clay, scoria, and peat). For additional information please visit the Opencut Mining Program website.
View Help
Map Help
Map Area
The viewable and searchable area of the map is confined to the State of Montana. The map will not let you move too far away from its intended spatial focus.
Map Controls
Pan or Move
To pan or move around the map click and hold down the left mouse button then move you mouse. You can also use the arrow keys on your keyboard.
Zoom In or Out
To zoom in & out of the map or change the map's sclae use the scroll wheel on your mouse, the up & down arrows on the zoom slider in the top left corner of the map, or the plus (+) or minus (-) keys on your keyboard.
Zoom to Box
To zoom into a specific area of the map, you can hold down the [Shift] key on your keyboard and then click and hold your left mouse button while dragging your mouse to draw a box around your area of interest. When you release your mouse button the map will pan and zoom into the area you defined.
Basemaps
Many different basemaps are available to choose from to use as the base or primary layer for all other Map Layers to sit on top of.
Basemaps can only be used one at a time and but can be viewed

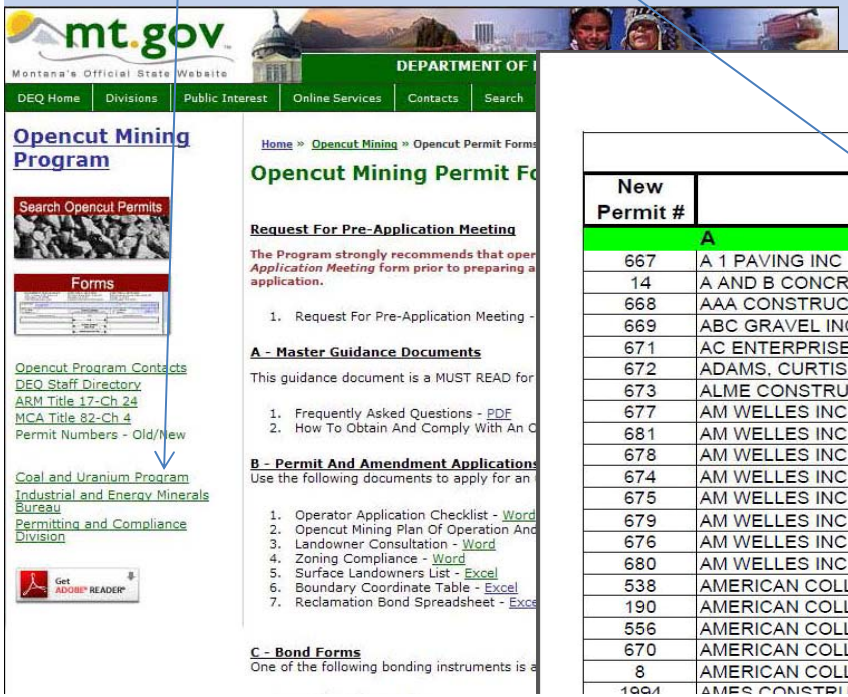
LOCATING A SPECIFIC PERMITTED SITE

This example shows you how to locate a specific site using available tools.

1. Determine the Permit# for the site. The Permit# for a specific site can be found by using one of the two following methods:

→ "Search Opencut Permits" web site found here: http://searchopencutpermits.mt.gov. This contains sites permitted from 2010 forward.

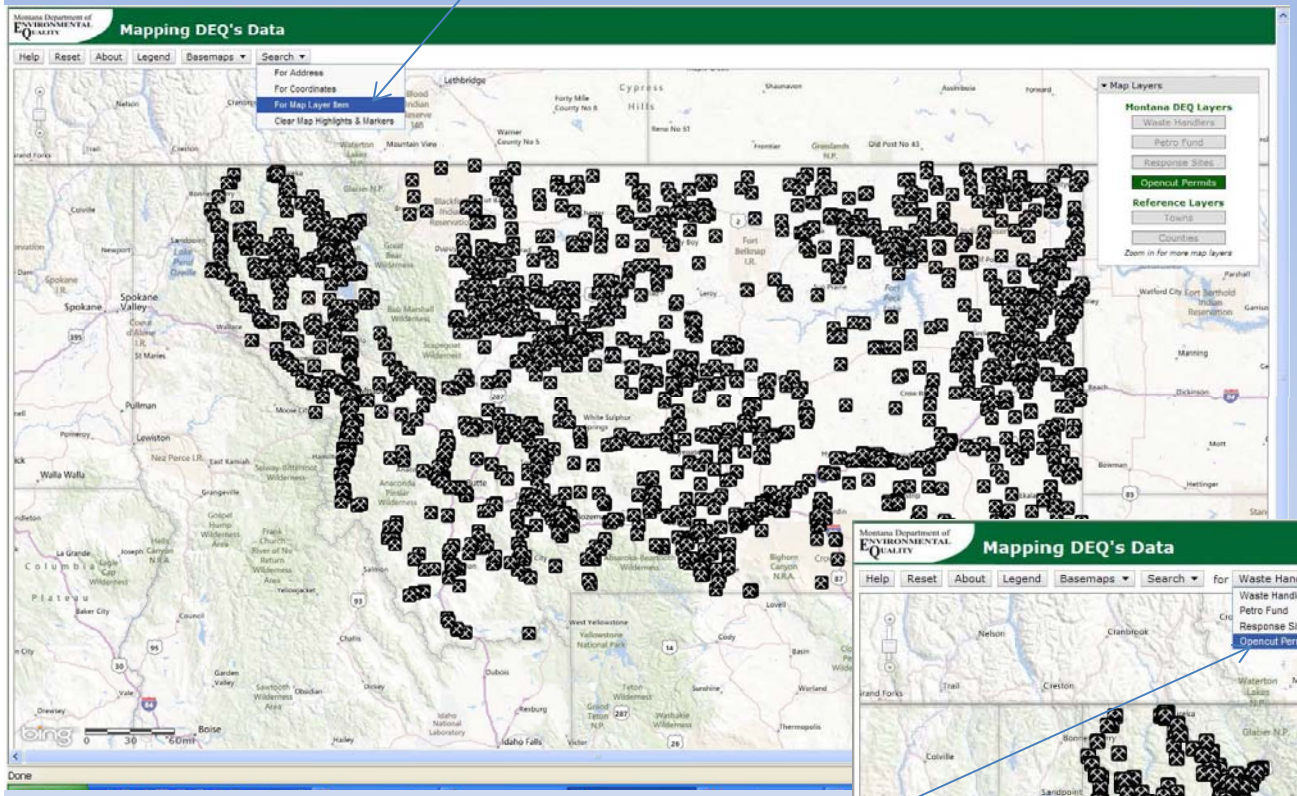
→ Opening the Permit Numbers – Old/New document
Click the link http://deq.mt.gov/opencut then click on the link Permit Numbers – Old/New document found on the left side
This contains sites permitted prior to 2010 that may not be contained within the "Search Opencut Permits" link.



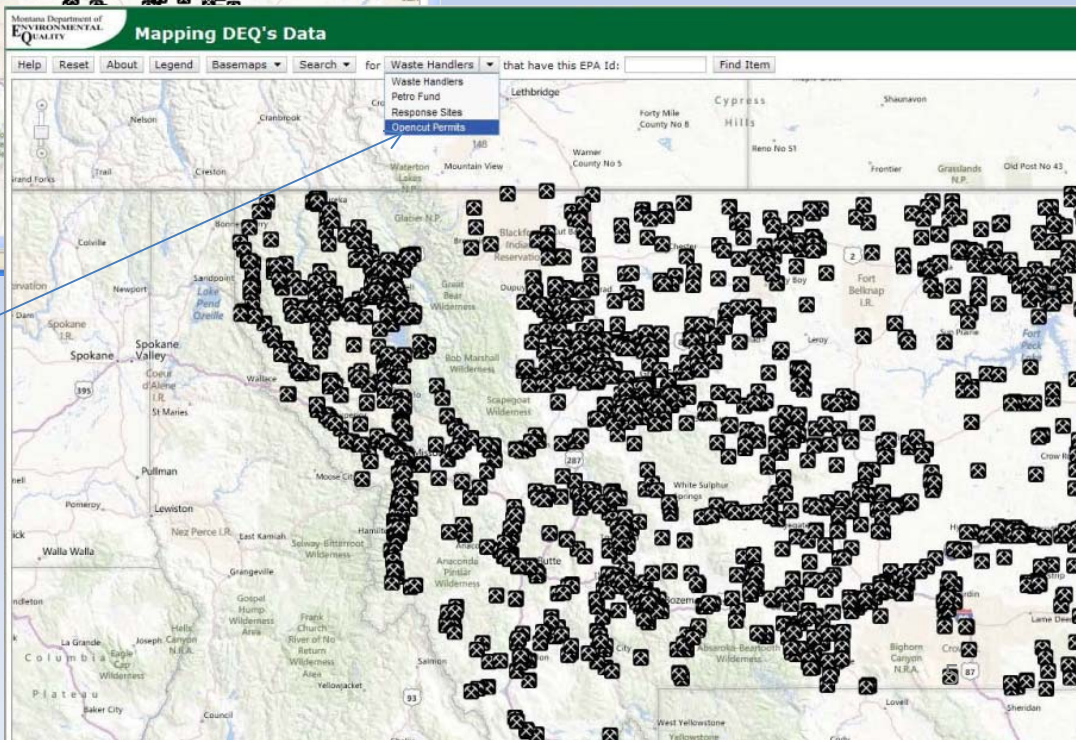
Opencut Permit Numbers

New Permit #	Operator Name	Site Name	Old Permit #
	A		
667	A 1 PAVING INC	PYRAMID MTN LUMBER	A1P-011
14	A AND B CONCRETE	FLORENCE AND WOODSIDE	00168
668	AAA CONSTRUCTION	TRAILS END	AAA-001
669	ABC GRAVEL INC	PILATI	ABG-001
671	AC ENTERPRISES LLC	KL SANDBOX	ACE-001
672	ADAMS, CURTIS JR DBA LONGVIEW RANCH LLC	WALDBILLIG	ADC-001
673	ALME CONSTRUCTION INC	BAKER #2	ALM-001
677	AM WELLES INC	BAR TT	AMW-021
681	AM WELLES INC	BAYERS	AMW-026
678	AM WELLES INC	DEHAAN	AMW-022
674	AM WELLES INC	DSL STATE	AMW-004
675	AM WELLES INC	LASICH RANCH	AMW-014
679	AM WELLES INC	RAFTER RANCH	AMW-023
676	AM WELLES INC	SWAINSON	AMW-019
680	AM WELLES INC	THREE FORKS	AMW-024
538	AMERICAN COLLOID COMPANY	ALZADA NORTH	00297-1-11
190	AMERICAN COLLOID COMPANY	ALZADA SOUTH	00164-1-9
556	AMERICAN COLLOID COMPANY	EAST AND WEST	00338-4
670	AMERICAN COLLOID COMPANY	FLASTED	ACC-002
8	AMERICAN COLLOID COMPANY	WARREN	00082
1994	AMES CONSTRUCTION INC	WEST END LEE BM RAIL SPUR	AME-001

2. Once you have the permit number for a specific site click the “Search” tab dropdown box on the Web Mapping program and choose “For Map Layer Item” from the drop down.



3. Then choose “Opencut Permits” from the drop down box that appears.



4. Enter the Permit number in the box and click “Find Item.

5. This will zoom you to the permitted site and pop open a window providing information about the permitted site.

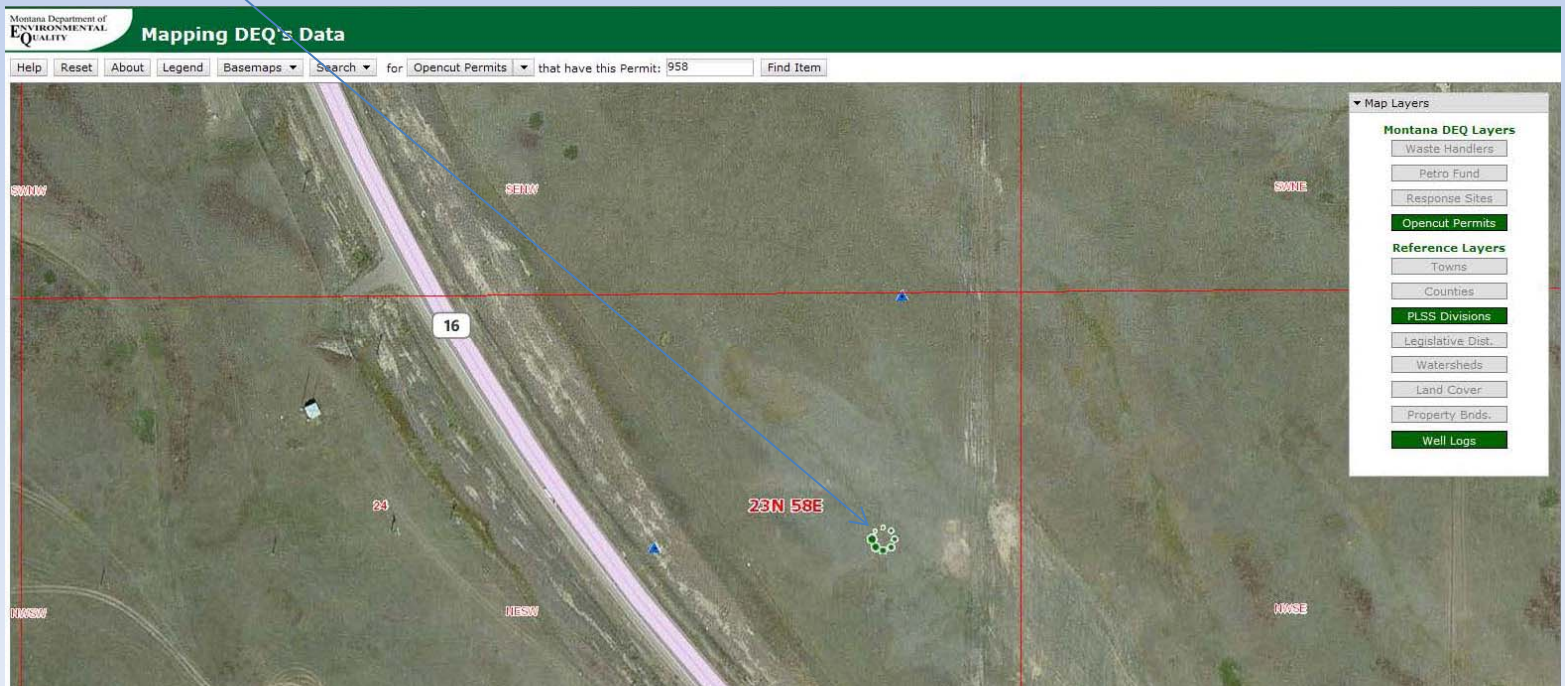
Creating a Map for a Short Form or Pre-Application Site

1. Zoom to the location you want to use for the Short Form or Pre-Application. This can be done by zooming to the spot and/or using the "Search" tab to search for the site using one of the following:

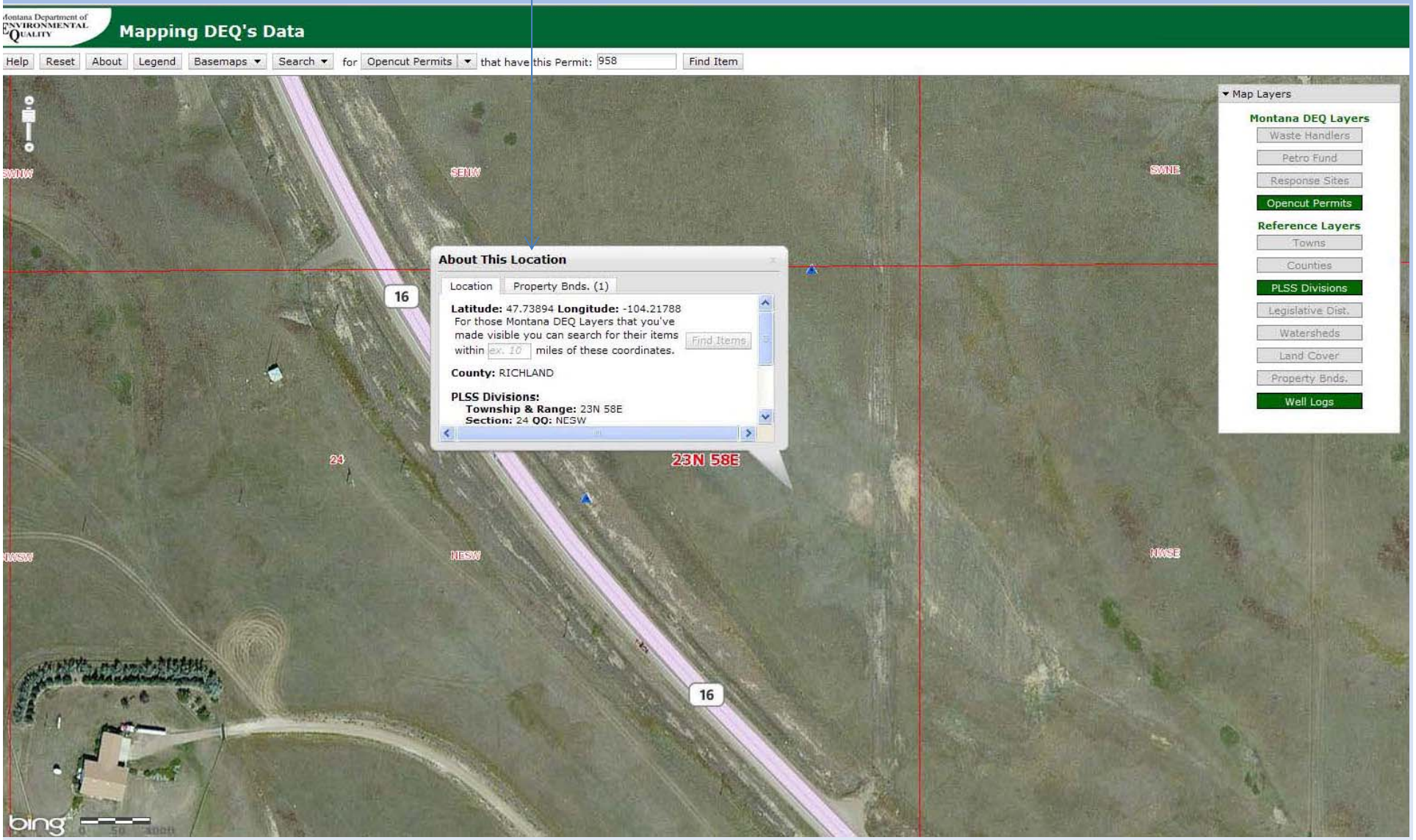
   →Address: A nearby "street" address can be entered into the program to get you close to the spot. From there you can pan to the correct location.

   →Coordinates (i.e. Latitude and Longitude in decimal degrees), can be entered if you know the lat and long of the site.

2. Once you are panned to the correct location and at an applicable scale, Click on the location you want for your short form or Pre-App and wait for the "About this Location" window to pop up.

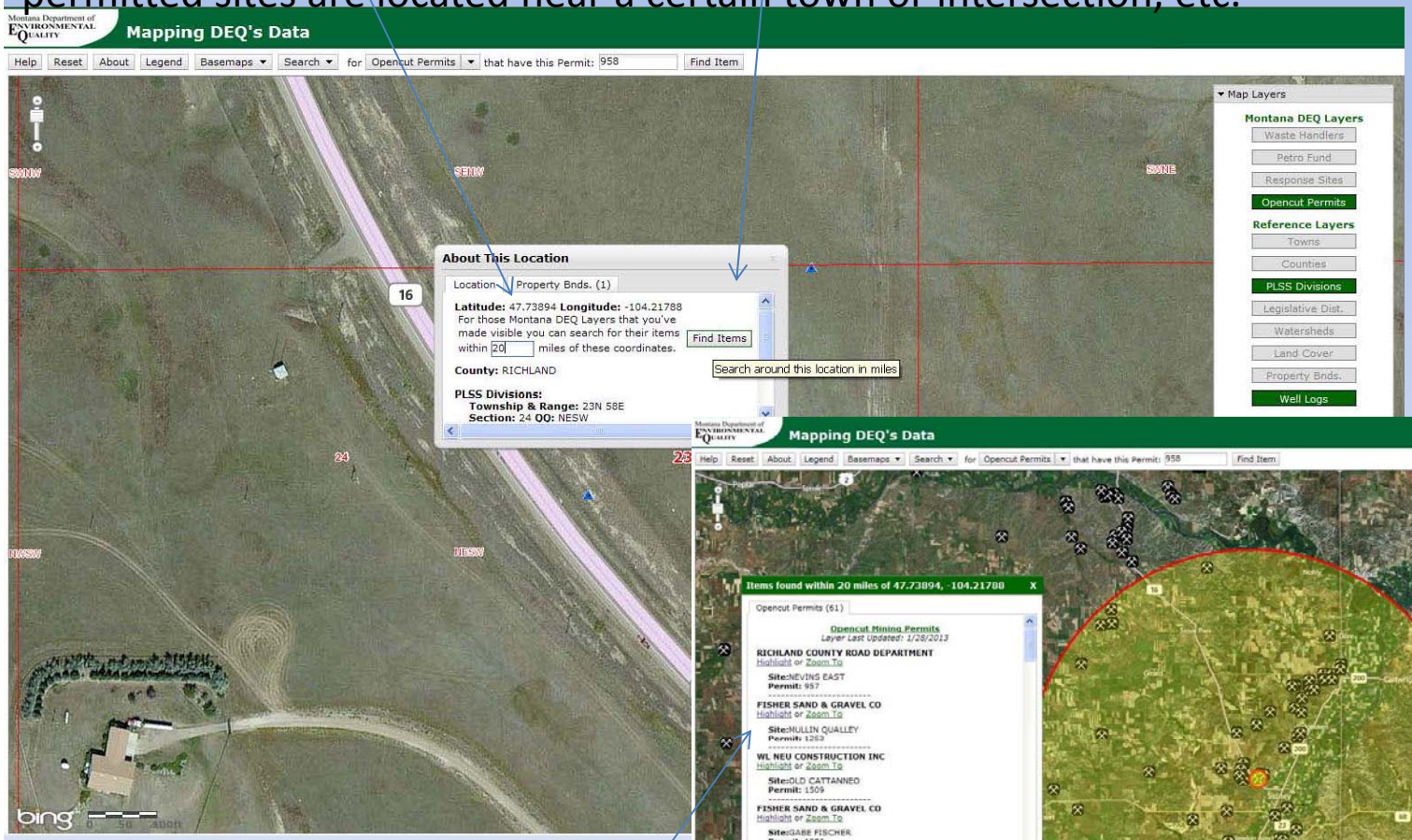


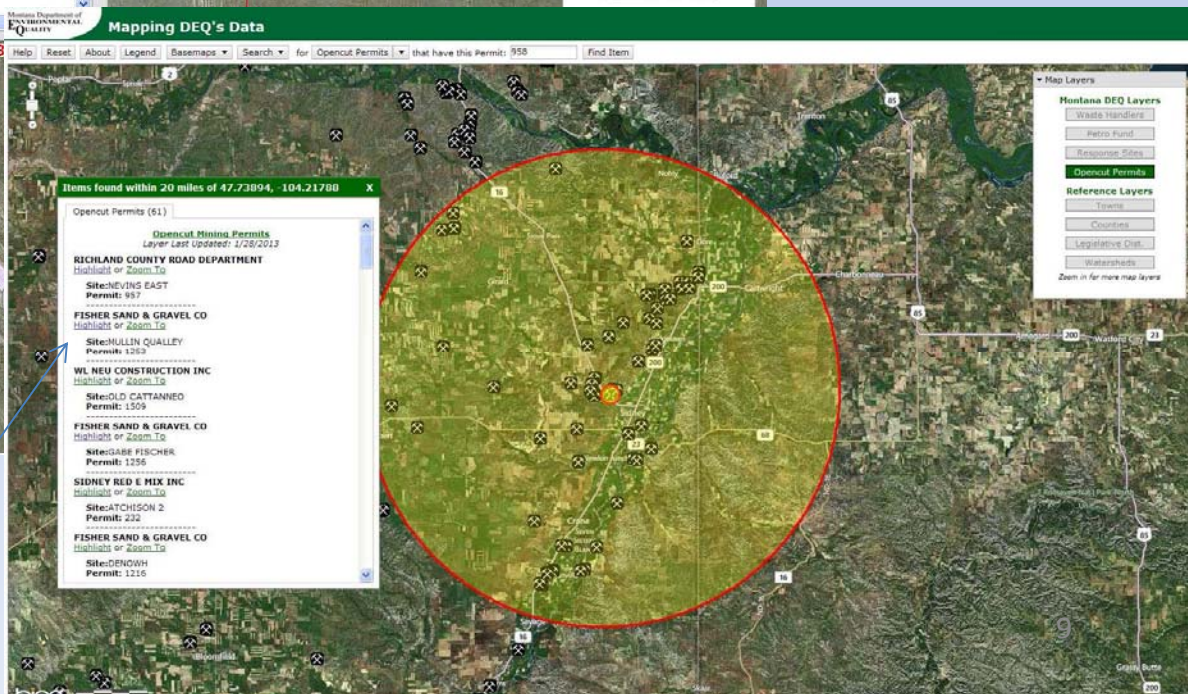
3. Print the map and use the lat and long and legal description from the “About this Location” window to fill out the Short Form or Pre-App form. You now have a good map with the location you intend to use for your short form or Pre-App



SEARCHING FOR PERMITTED SITES WITHIN A SPECIFIED DISTANCE

1. Click a location on the map so the “About This Location” window pops up then enter the specified search radius and click “Find Items”. Many Operators want to know what permitted sites are located near a certain town or intersection, etc.





2. A list of all sites located within the specified search radius will pop up for your use.