

Senate Bill 96 Report to EQC
May 4, 2016 Meeting (data as of April 8)



Removing half-buried tank at Unionville School (March 2016)

Background:

SB96 allows DEQ to use orphan share account funds to take remedial actions to address risks to human health or the environment at hazardous substance/petroleum sites where there is no readily apparent potentially liable person that is financially viable. SB96 also allows DEQ to use the funds to monitor the performance of remedial actions as well as to assess sites and collect data with a goal of closing those sites. Not more than 20% of the funds may be used for that purpose. SB96 was effective July 1, 2015.

Progress since July 2015:

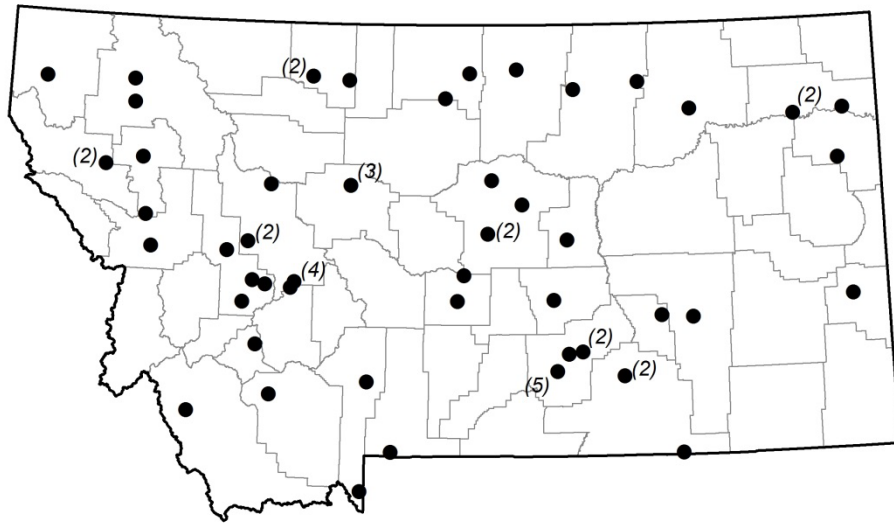
DEQ has initiated contracts or begun work at 65 project sites.

- Approved scopes of work - \$4,977,134
 - Hazardous Substance - \$3,652,972 (9 sites)
 - Petroleum Tank Release - \$1,039,089 (55 sites)
 - Mine Waste - \$285,073 (1 site)
- Contracts in place - \$4,020,733
- Expended funds - \$1,400,189

One petroleum release has been resolved and eight have been identified for closure to date. Several additional releases are expected to be resolved when the data is received that demonstrates contamination is below screening levels.

DEQ continues to identify additional sites; however, balancing the additional project work with other required priorities is challenging.

For additional information contact Jenny Chambers at JChambers@mt.gov or 406-444-6383.



Location of SB96 projects. (April 2016)



Drilling through basement floor for injection of in-situ treatment chemicals near former dry cleaners, Havre (Feb. 2016)



GeoProbe rig installing soil boring at a former service station, Billings (Jan. 2016)



Sampling test pit of former dump and wood treating operation for pentachlorophenol and petroleum, Lewistown. (Feb. 2016)



Using vacuum truck to daylight fiber optic line prior to excavation of contaminated soil; Deer Lodge (Sept. 2015)

List of SB96 Projects with Contracts In-Place or Pending

Project Name	Location	Project Scope & Status	Cleanup	Assessment	Total	Leveraged Funds
Milwaukee Roundhouse CECRA Cleanup	Deer Lodge	Approximately 13,000 tons of petroleum and metals contaminated soil, and 50 gallons of petroleum free product have been removed so far. Day care play area cleaned up, and cleanup of a proposed county park area that allows the county to use its grant funding to develop the park. Vapor intrusion sampling occurred and residential yard removals have started.	\$1,654,734	\$23,400	\$1,678,134	~\$4 million – EPA (Emergency Removal) \$200,000 EPA (Brownfields) ~\$690,00- DNRC (RDG) - Powell County ~\$700,000- DEQ (EQPF) ~\$60,000 - DEQ (Brownfields) Possible future \$1,000,000 DNRC (RDG) [2018/2019]
Diamond P Ranch CECRA Cleanup	West Yellowstone	Pre-design sampling for excavation and disposal of pentachlorophenol, petroleum, and dioxins completed. Excavation in spring 2016.	\$388,758		\$388,758	None
Roxy's Cleaners CECRA Cleanup	Havre	In-situ cleanup system (soil vapor extraction) installed. Bioremediation injections completed. Ongoing operation and maintenance of system through 2017.	\$491,150		\$491,150	None
Whitefish Solvent Site CECRA Cleanup	Whitefish	Install soil vapor extraction system and implement enhanced bioremediation estimated to begin May 2016.	\$495,395	\$8,500	\$503,895	\$278,914 - EPA (CERCLA Site Assessment)
Ruth Graham Property LUST	Great Falls	Soil and groundwater samples were collected in Oct 2015 that demonstrate contamination has reduced to concentrations below screening levels. Release will be reviewed for closure in summer 2016.		\$18,862	\$18,862	Petro Fund after Co-Pay
Ehlert Brothers Service LUST	Winifred	Excavation completed in April 2016, and waiting for results of confirmation samples. If excavation successful and groundwater contamination drops below screening levels, release may be resolved in 2017.	\$156,322		\$156,322	Ineligible for PTRCF
Hot Springs School LUST	Hot Springs	Injection wells installed and in-situ oxidation chemicals injected in October/November 2016. If treatment is successful, release will be resolved after 2017.	\$30,475		\$30,475	Ineligible for PTRCF
Pine Hills Country Store LUST	Billings	Soil borings to determine if contamination remained in the soil. Samples indicated no contamination remained above screening levels. This release was resolved 2/9/2016.		\$7,741	\$7,741	None
4-U Husky LUST	Plevna	Confirmation sampling completed in February 2016. Potential to resolve site will depend on results.		\$22,001	\$22,001	Petro Fund after Co-Pay
Cary Residence LUST	Helena	Confirmation sampling completed in February 2016. Results indicate that this release can be resolved. Release will be reviewed for closure in summer 2016.		\$13,399	\$13,399	Petro Fund after Co-Pay
GS Oil Co. LUST	Winnett	Confirmation sampling completed in March 2016. If results indicate contamination is below screening levels, release will be resolved in summer 2016.		\$16,557	\$16,557	Petro Fund after Co-Pay
Songers Exxon Service LUST	Judith Gap	Confirmation sampling completed in March 2016. Results indicate that this release can be resolved. Release will be reviewed for closure in summer 2016.		\$25,158	\$25,158	Petro Fund after Co-Pay

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Post Office (private) LUST	Augusta	Confirmation sampling completed in January 2016. Results indicate that this release can be resolved. Release will be reviewed for closure in summer 2016.		\$18,699	\$18,699	~\$10,000 LUST Trust
Sanders General Store LUST	Sanders	Confirmation sampling of soil and groundwater completed in March 2016. Potential to resolve site will depend on results.		\$15,232	\$15,232	Petro Fund after Co-Pay
Stoners Stage Stop LUST	Lincoln	Confirmation sampling completed in January 2016. Results indicate that this release can be resolved. Release will be reviewed for closure in summer 2016.		\$14,592	\$14,592	Petro Fund after Co-Pay
McMillon Residence LUST	Helena	Confirmation sampling completed in January 2016. Results indicate that this release can be resolved. Release will be reviewed for closure in summer 2016.		\$12,699	\$12,699	Petro Fund after Co-Pay
Chriss Repair LUST	Lincoln	Confirmation sampling completed in January 2016. Results indicate that this release can be resolved. Release will be reviewed for closure in summer 2016.		\$14,840	\$14,840	Ineligible for PTRCF
Avon General Merchandise LUST	Avon	Confirmatory sampling completed in January 2016 identified contamination needing cleanup. Additional site work including review of appropriate cleanup alternatives and cleanup selection will be required in summer 2016.		\$12,157	\$12,157	~ \$11,700 LUST Trust
Camp Custer Service LUST	Hardin	Soil excavation scheduled for April 2016. If excavation successfully removes all contaminated soil and groundwater contamination responds favorably, the release will be resolved in 2017 or 2018.	\$16,300		\$16,300	Petro Fund after Co-Pay
Macintyre's, Inc. LUST	Billings	Confirmation sampling completed in January 2016. Results indicate that this release can be resolved. Release will be reviewed for closure in summer 2016.		\$18,236	\$18,236	Petro Fund after Co-Pay
Former K & L Grocery LUST	Dodson	Conduct confirmatory sampling in May 2016. Potential to resolve site will depend on results.		\$24,996	\$24,996	Ineligible for PTRCF
Westland Service Station LUST	Glasgow	Conduct confirmatory sampling in May 2016. Potential to resolve site will depend on results.		\$26,515	\$26,515	Potentially Eligible for PTRCF
Saco Conoco LUST	Saco	Conduct confirmatory sampling in May 2016. Potential to resolve site will depend on results.		\$17,421	\$17,421	
LaSalle Residence LUST	Helena	Confirmation sampling scheduled for summer 2016. If results are below screening levels, this release will be resolved in fall/winter 2016/2017.		\$17,370	\$17,370	Potentially Eligible for PTRCF
Yellowstone Boys & Girls Ranch LUST	Billings	Confirmation sampling scheduled for spring/summer 2016. If results are below screening levels, this release will be resolved in winter 2015		\$7,100	\$7,100	Petro Fund after Co-Pay

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Project Name	Location	Project Scope & Status	Cleanup	Assessment	Total	Leveraged Funds
Osterholm Residence LUST	Lewistown	Confirmation sampling scheduled for summer 2016. If results are below screening levels, this release will be resolved in winter 2016		\$17,793	\$17,793	Potentially Eligible for PTRCF
Harlowton Round House CECRA Cleanup (interim action)	Harlowton	Free product recovery system to be installed near former refueling operations in Spring of 2016. The laser induced florescence (LIF) investigation (leveraged with other funding) facilitated the design of this phase of SB96 work.	\$220,911		\$220,911	\$50,000 - DNRC (RDG-Planning). \$10,000 - DEQ Brownfields Possible future City of Harlowton \$500,000 DNRC (RDG) [2018/2019]
Harlowton Round House CECRA Cleanup (Soil Removal)	Harlowton	Free product and contaminated soil near oil/water separator scheduled to be excavated in the summer 2016. In addition, waste drums and barrels will also be removed from the site.	\$200,000		\$200,000	See Above
Charles M Russell Refuge CECRA (potential de-list)	Roy	Geophysical work (electromagnetic investigation) completed fall 2015 identified two potential target areas of buried pesticide. Target areas excavated and sampled in March 2016. Preliminary information show no signs of contamination. If final results indicate pesticides are not present, the site will be proposed for delisting in 2016.		\$35,030	\$35,030	None
Chandelle Lane Barrel Site CECRA (potential de-list)	Black Eagle	Barrels are still present but it is unknown if there has been a release to the environment. Surface and Subsurface soil sampling completed March 2016. If results indicate no waste is found above screening levels, the barrels could be removed and the site will be proposed for delisting in 2016.		\$20,789	\$20,789	None
Developmental Technology CECRA (potential de-list)	Bozeman	Monitoring wells installed in fall 2015, and low-water level samples were below screening levels. High-water samples scheduled for July 2016. If results are also below screening levels, site will be proposed for delisting in 2016/2017.		\$33,346	\$33,346	\$3,900 - DEQ Brownfields
Unionville School LUST	Unionville	A half-buried heating oil storage tank was removed in March 2016 and soil investigated. Potential for further work or to resolve the release will depend on investigation results due in spring 2016.	\$32,672		\$32,672	
Office Stop LUST	Butte	Health Center and Youth Center owned by North American Indian Alliance. Initial sampling identified petroleum vapors that may be originating from gasoline tanks formerly on site, however results inconclusive due to indoor sources present. Additional vapor and subsurface assessment are ongoing.		\$17,500	\$17,500	Petro Fund after Co-Pay
Central Post and Treating Co CECRA Cleanup	Lewistown	Investigated former wood treating facility located on older dump site for pentachlorophenol and other contaminants in February 2016. Waiting for results to determine next step.		\$80,959	\$80,959	\$35,000 - DNRC (RDG-Planning). If cleanup is required, city may apply for 2018/2019 RDG grant.

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Project Name	Location	Project Scope & Status	Cleanup	Assessment	Total	Leveraged Funds
Lily/Orphan Boy Abandoned Mine	Elliston	DEQ has entered into a partnership with multiple entities to reclaim this abandoned mine site. SB96 funds will remove waste rock and tailings from Telegraph Creek in the Little Blackfoot Watershed. Work leveraged through other funds includes: Completion of Engineering Analysis to reclaim the site, development of the Metals Watershed Restoration Plan, restoration of Tramway Creek and the floodplain. Work scheduled for summer 2016.	\$285,073		\$285,073	\$110,911 - Federal Abandoned Mine Land grant (DEQ) \$40,000 - RDG Grant to Trout Unlimited \$32,000 - DEQ 319 Non-Point Source Program Restoration Grant Funds \$30,000 - FWP Future Fisheries
First Presbyterian Church LUST	Helena	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$7,500	\$7,500	Petro Fund after Co-Pay
Hoyt Residence LUST	Arlee	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$14,300	\$14,300	Potentially Eligible for PTRCF
Powell County Shop LUST	Helmville	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$21,000	\$21,000	Potentially Eligible for PTRCF
Gardiner House LUST	Gardiner	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$4,500	\$4,500	Petro Fund after Co-Pay
Ostrem Farm LUST	Galata	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$25,000	\$25,000	Potentially Eligible for PTRCF
M&W Service LUST	Forsyth	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$12,500	\$12,500	Potentially eligible for the PTRCF
LeDuc Motors LUST	Kalispell	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$12,480	\$12,480	Potentially Eligible for PTRCF
Farm Bureau's Insurance LUST	Polson	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$16,500	\$16,500	Petro Fund after Co-Pay
Orelup Residence LUST	Billings	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$9,360	\$9,360	Petro Fund after Co-Pay
Laird Residence LUST	Zurich	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$9,249	\$9,249	Potentially eligible for the PTRCF
School District 24 LUST	Worden	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$25,000	\$25,000	Potentially eligible for PTRCF
Christofferson Logliners LUST	Missoula	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$10,000	\$10,000	Potentially eligible for PTRCF
Parkway Motel LUST	Billings	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$25,000	\$25,000	Potentially eligible for PTRCF
Adsit Farm LUST	Decker	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$9,360	\$9,360	Potentially eligible for PTRCF
Hardin Auto LUST	Hardin	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$8,840	\$8,840	Petro Fund after Co-Pay
Project Mercantile LUST	Worden	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$13,500	\$13,500	Potentially eligible for PTRCF
Cattaneo Farm LUST	Culbertson	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$11,223	\$11,223	Potentially eligible for the PTRCF
Nordwick Residence LUST	Poplar	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$17,000	\$17,000	Petro Fund after Co-Pay
Bud Hayes Exxon LUST	Great Falls	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$10,400	\$10,400	Ineligible for PTRCF

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Project Name	Location	Project Scope & Status	Cleanup	Assessment	Total	Leveraged Funds
Shepherd's Garage LUST	Jackson	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$26,000	\$26,000	Ineligible for PTRCF
Reinertson's Garage LUST	Hot Springs	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$12,000	\$12,000	Potentially eligible for PTRCF
Montana Children's Center LUST	Twin Bridges	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$15,600	\$15,600	Petro Fund after Co-Pay
Wooden Residence LUST	Libby	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$10,400	\$10,400	Potentially eligible for PTRCF
TJ's Quick Stop LUST	Poplar	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$19,641	\$19,641	Ineligible for the PTRCF
Pepco Station LUST	Roundup	Replacing monitoring wells that were removed during cleanup activities. These are needed to evaluate the cleanup and determine the next steps.	\$15,600		\$15,600	\$324,498 LUST Trust; Ineligible for PTRCF
Rocky Boy School LUST	Box Elder	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$26,000	\$26,000	Potentially eligible for PTRCF
Bryans Auto Repair LUST	Shelby	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$5,500	\$5,500	Petro Fund after Co-Pay
Hakert Ranch LUST	Shepherd	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$13,000	\$13,000	Potentially Eligible for PTRCF
Former Nefzger Service Station LUST	Shelby	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$33,000	\$33,000	Potentially Eligible for PTRCF
Qualley Farm LUST	Lambert	Confirmation sampling scheduled for spring/summer 2016. Potential to resolve site will depend on results.		\$25,000	\$25,000	Potentially Eligible for PTRCF
Total Projected			\$3,987,389	\$989,744	\$4,977,134	

Data as of April 9, 2016

Senate Bill 96
Acronym/Terminology List

CECRA	Comprehensive Environmental Cleanup and Responsibility Act - also known as State Superfund
Co-Pay	PTRCF Co-Payment
DEQ	Department of Environmental Quality
DNRC	Department of Natural Resources and Conservation – manages a grant program that is a potential source of funding that could be leveraged for SB96 projects
EPA	U.S. Environmental Protection Agency – manages grant programs that are a potential source of funding that could be leveraged for SB96 projects
EQPF	Environmental Quality Protection Fund
FWP	Fish Wildlife and Parks Department
LUST	Leaking Underground Storage Tank
LUST Trust	Federal funds used to cleanup LUST sites
MUSTA	Montana Underground Storage Tank Act
N/A	Not Applicable (no funds leveraged)
PTRCB	Petroleum Tank Release Compensation Board (also called “Petro Board”)
PTRCF	Petroleum Tank Release Cleanup Fund (also called “Petro Fund”)
RDG	Resource Development Grant – managed by DNRC

Terminology used when a site is “Closed”

Delist	For State Superfund facilities, this means that the criteria identified in ARM 17.55.114 are met. For SB96 projects, this may mean additional information indicates a historic site does not need to remain listed because there is no contamination that poses an unacceptable risk to human health or the environment. It may also mean that cleanup was completed and is protective of human health and the environment.
Resolved	For petroleum tank release sites, this is defined in section 75-11-521(5)(c), MCA, as a determination by DEQ that all cleanup requirements have been met and that conditions at the site ensure present and long-term protection of human health and the environment.