

Colorado Oil and Gas Conservation Commission

SandRidge Exploration & Production LLC

Operations and Compliance

July 26, 2019



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources



Introduction

- Introductions
 - Sign-in
 - Meeting Protocols
 - Goals and Objectives
- Agenda
 - Group Presentations
 - Compliance Program
 - Deliverables and timing
 - Facilitator, Note Taker, Time Keeper
 - Not a discussion
 - Information provided to improve compliance and begin settlement of enforcement issues



Goals and Objective

- Brief discussion of issues - not a comprehensive list
- Representative of issues so we can move forward
 - improved operations and compliance
 - protection of public health, safety, welfare, the environment & wildlife resources
- A compliance program will be discussed to begin addressing enforcement and provide program to manage ongoing problems

Overview

- SandRidge's Operations
 - @ 47 PR Wells
 - 9 DG status
 - ◆ March 2019 no rig
 - ◆ Wells from 2016 still in DG status
 - 39 Locations (*1.5 wells per location*)
- Climate
 - 7,800 to 12,957 feet elevation
 - 89 inches snow (average)
 - 14 inches average rain
 - Average days with precipitation 107



Sensitive Area

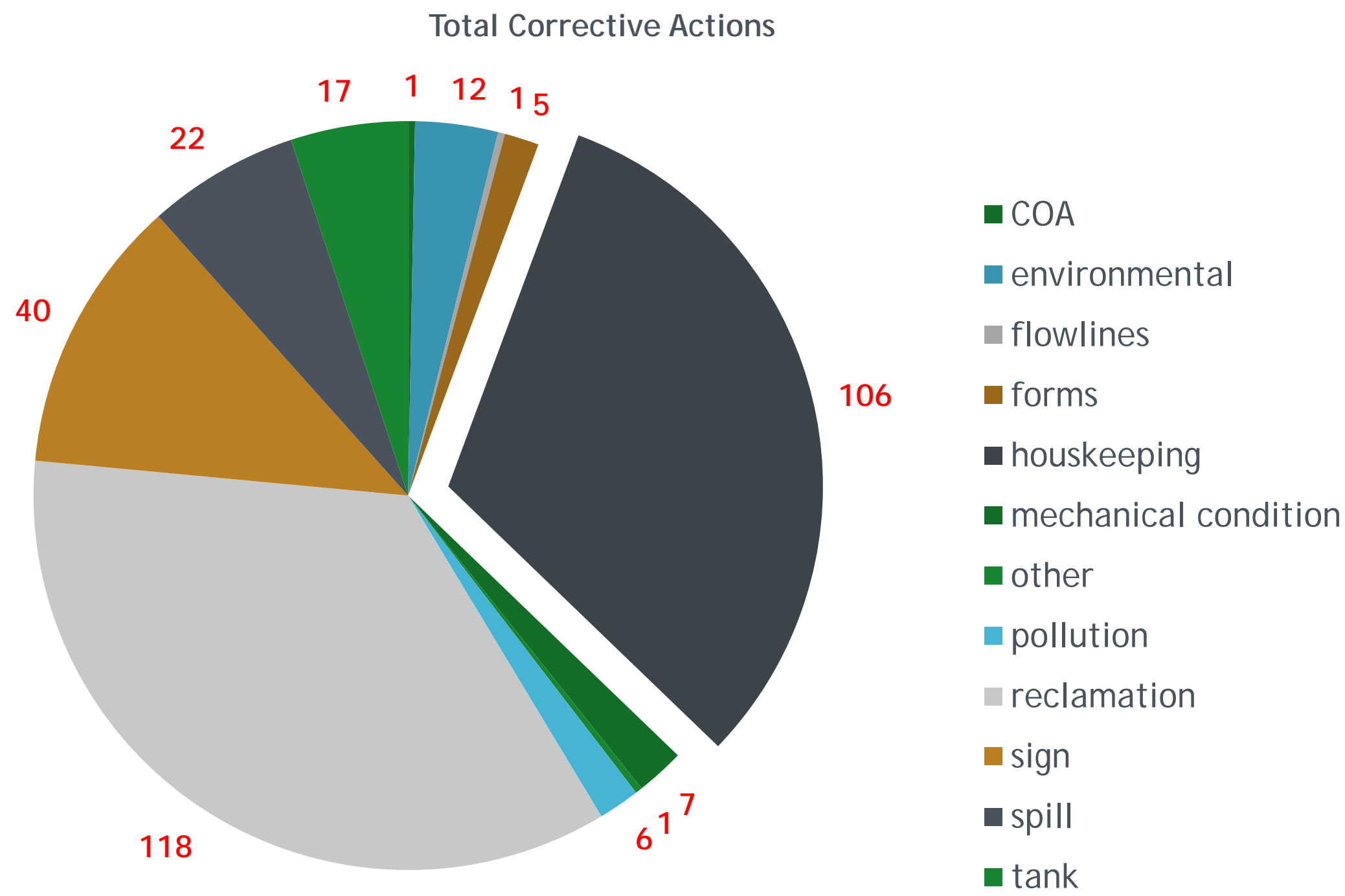
- Wildlife (*moose viewing capital of the world*)
- Sage grouse
- Surface water
 - Headwaters of the North Platte
 - Jurisdictional Wetlands
 - Irrigation Ditches
 - Creeks & streams
- Groundwater
 - Variable based on season
 - Near surface during spring runoff and snow melt
- Wilderness Areas on both sides

Inspections

- July 1, 2017 to July 1, 2019
 - 230 Inspections
 - 336 corrective actions
 - ♦ 14 Field Inspection Report Resolutions in response to CA
 - ♦ 50 (of 336) issued with past due date
 - ♦ 88 CA currently



Corrective Action Types



Spills and Remediation

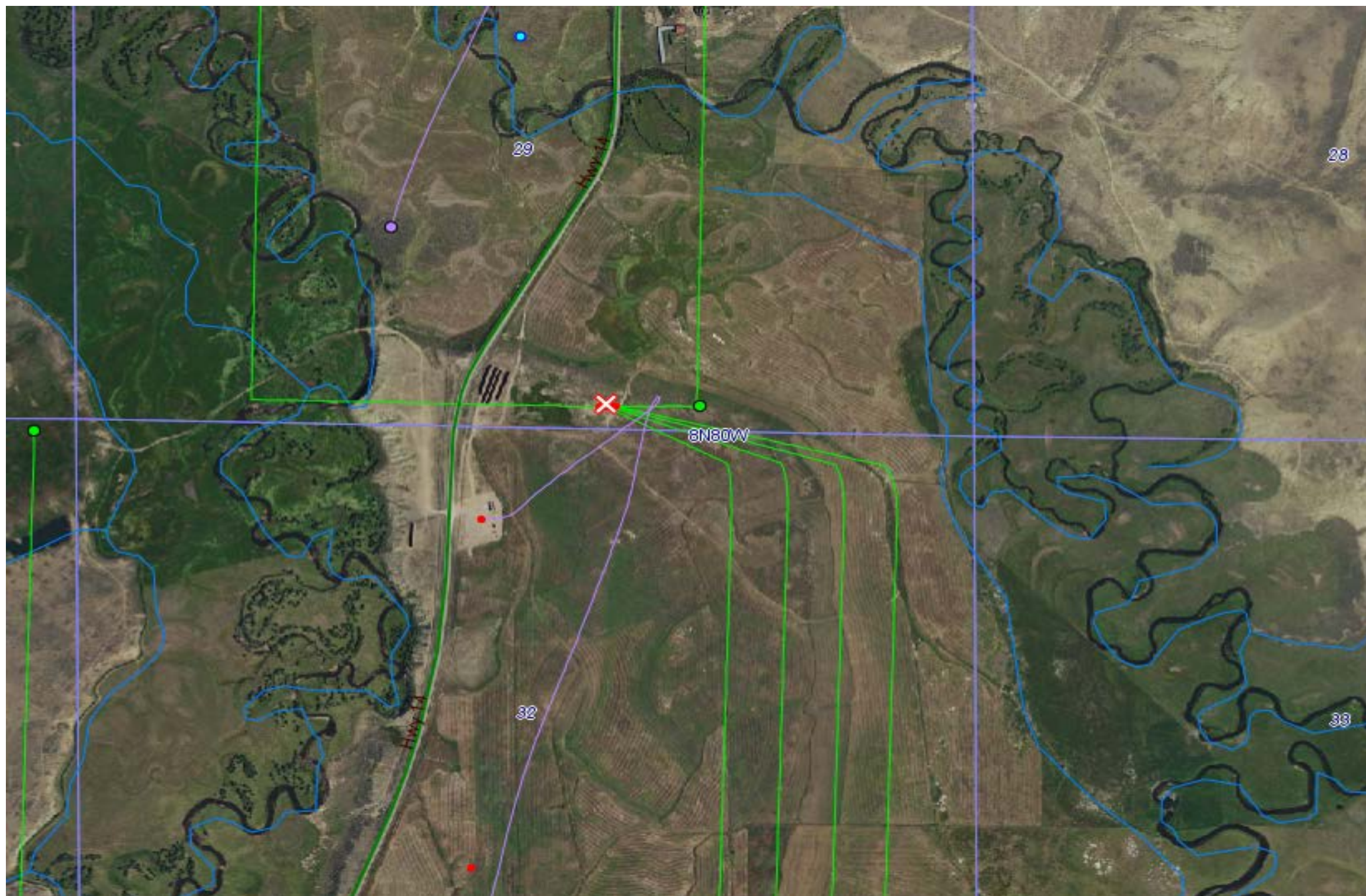
- 25 reportable spills since 01-08-2016
- 17 in 2019
- 8 open remediation projects

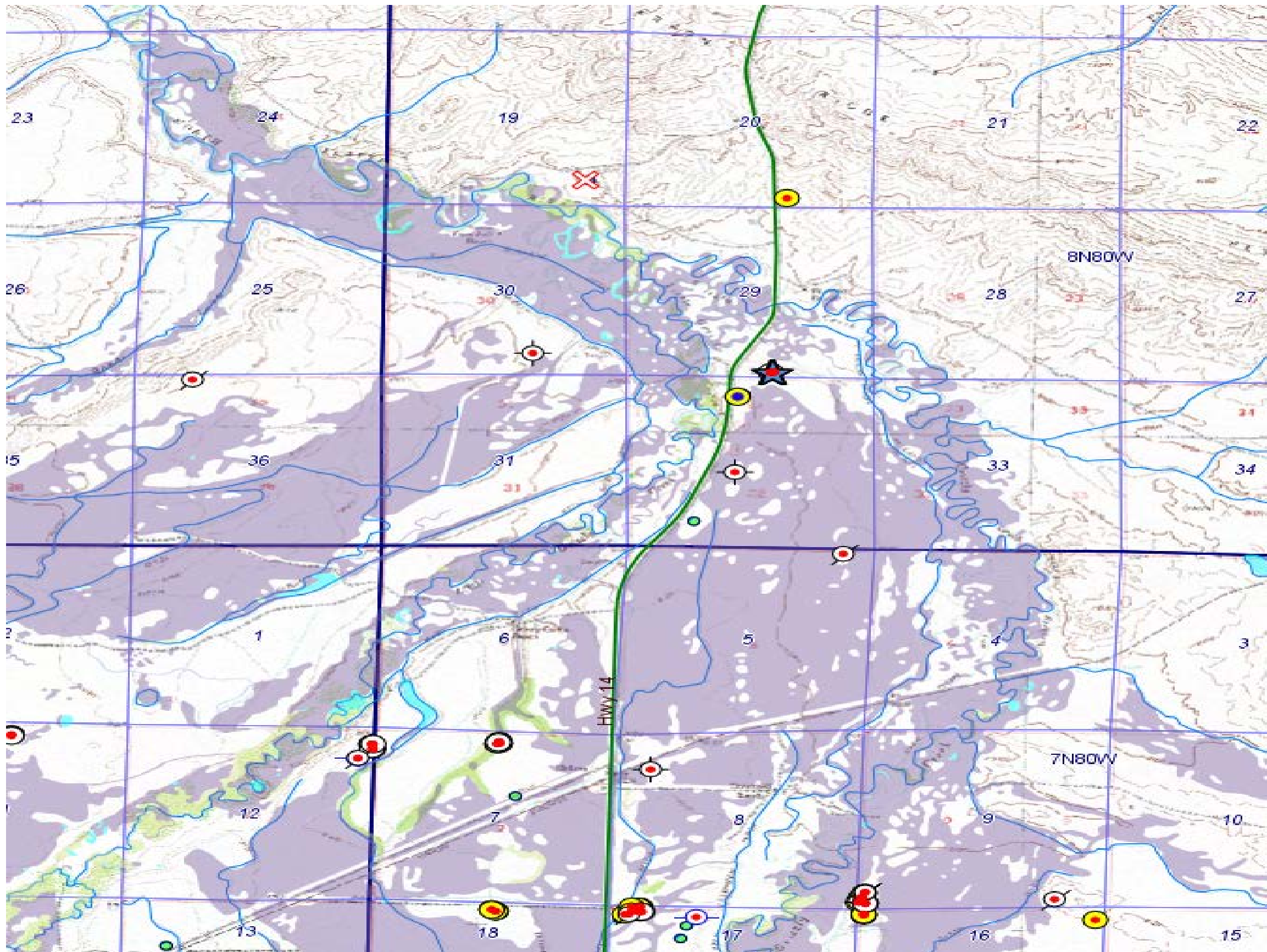
Remediation							
		REM project Number		location	basic description	last contact	expected closure date
6/14/2019	402073369	13743	LOCATION	324757	spill	7/8/2019	Sample data was collected, expect results in July.
6/5/2019	402065733	13703	SPILL OR RELEASE	464101	spill	6/7/2019	need update
4/12/2019	401988304	13248	SPILL OR RELEASE	463340	spill	7/8/2019	request for closure in process, SAR and PH >910-1.
4/11/2019	402003958	13492	LOCATION	438250	spill	7/5/19	need update
3/27/2019	401984966	13074	WELL	05-057-06526	drill cuttings	4/3/19	july- wildlife stipulation
2/19/2019	401940011	12668	SPILL OR RELEASE	461449	spill near building, sat all winter	7/8/2019	Sandridge has requested closure, Data supports closure. Alex wants to approve all Sandridge Projects closures, he will review when he returns.
1/24/2019	401914656	12465	SPILL OR RELEASE	460719	spill spray	7/8/2019	On 7/8/2019 Sandridge excavated soil below the tank battery and collected confirmation sample for 910-1.
5/1/2017	401271073	10183	SPILL OR RELEASE	449099	historic-wellhead	7/8/2019	as of 7/8/2019, request for closure denied. 2 monitoring wells were destroyed and not sampled. they will sample all 4 MW in this quarter of 2019.
Spills							
6/28/2019	402091554	465808	Spicer 3-32H		10598	PLORATION & PRODUCTION LLC	
	as of 7/8/2019, kris notified sandridge that this will require a form 27						

Enforcement Status

Permitting and Regulatory Issues

- 73 Form 5/5A in process
 - Likely most are cannot be processed
- Conductor Setting Policy







Reclamation & Stormwater

- Surface Disturbance Minimization
- Topsoil
- Use of non-permitted areas
- Stormwater
- Reclamation



Good Housekeeping

- Spills, Releases
- Material Handling
- Spill Prevention
- Waste Management
- Mechanical Condition of Equipment
- Vehicle Tracking

Equipment Integrity

- Installation
- Movement
- Inspections/repair
- Compliance with flowline rules and 605.d



Compliance Program

- Compliance Report
- Stormwater Management Program
- Surface Disturbance Minimization Program
- Topsoil Management
- Winter Operations Plan
- Field Development Plan
- Facility Layout
- Construction Management
- Company representative
- Job Safety Analysis
- Field Development Planning



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