

**FORM  
INSP**Rev  
05/11**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

DE	ET	OE	ES
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Inspection Date:  
10/27/2014Document Number:  
674700461Overall Inspection:  
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	335936	335936	LONGWORTH, MIKE	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 96850Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLCAddress: 1001 17TH STREET - SUITE #1200City: DENVER State: CO Zip: 80202

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
Kellerby, Shaun		shaun.kellerby@state.co.us	
Gardner, Michael	970/285-9377 ext. 2760	Michael.Gardner@WPXEnergy.com	Principal Environmental Specialist
Moss, Brad	(970) 285-9377	Brad.Moss@WPXEnergy.com	Production foreman

**Compliance Summary:**QtrQtr: NENE Sec: 22 Twp: 5S Range: 97W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
08/29/2013	663902020			SATISFACTORY			No
08/28/2013	663901968			ACTION REQUIRED	F		No

**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
294866	WELL	PR	01/08/2009	GW	045-15614	CHEVRON TR 441-22-597	PR	<input checked="" type="checkbox"/>
294867	WELL	PR	01/08/2009	GW	045-15615	CHEVRON TR 41-22-597	PR	<input checked="" type="checkbox"/>
294868	WELL	PR	01/08/2009	GW	045-15616	CHEVRON TR 42-22-597	PR	<input checked="" type="checkbox"/>
294869	WELL	PR	01/08/2009	GW	045-15617	CHEVRON TR 442-22-597	PR	<input checked="" type="checkbox"/>
294870	WELL	PR	01/08/2009	GW	045-15618	CHEVRON TR44-15-597	PR	<input checked="" type="checkbox"/>
414475	WELL	AL	08/30/2013	LO	045-18852	Chevron TR 434-15-597	AL	<input type="checkbox"/>
414476	WELL	AL	08/30/2013	LO	045-18853	Chevron TR 432-22-597	AL	<input type="checkbox"/>
414477	WELL	AL	08/30/2013	LO	045-18854	Chevron TR 431-22-597	AL	<input type="checkbox"/>

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414478	WELL	AL	08/30/2013	LO	045-18855	Chevron TR 32-22-597	AL	
414479	WELL	AL	08/30/2013	LO	045-18856	Chevron TR 33-22-597	AL	
414480	WELL	AL	08/30/2013	LO	045-18857	Chevron TR 31-22-597	AL	
415286	PIT		04/19/2010		-	CHEVRON TR 41-22-597 PAD		

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>2</u>	Wells: <u>22</u>	Production Pits: <u>1</u>
Condensate Tanks: <u>2</u>	Water Tanks: <u>6</u>	Separators: <u>6</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>2</u>
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location****Lease Road:**

Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	ACTION REQUIRED	Road needs repair and maintained.	Repair and maintain road into location.	11/27/2014

**Signs/Marker:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY			
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

**Spills:**

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	ACTION REQUIRED	Fence is knocked down.	Repair fence	11/27/2014

**Equipment:**

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Ancillary equipment	2	SATISFACTORY	Chemical containers		
Bird Protectors	5	SATISFACTORY			

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Horizontal Heated Separator	9	SATISFACTORY			
Plunger Lift	5	SATISFACTORY			

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	3	400 BBLS	STEEL AST	,

S/A/V: SATISFACTORY	Comment:	
Corrective Action:		Corrective Date:

**Paint**

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment			

<b>Venting:</b>	
Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 335936

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
Agency	kubeczkod	No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.	03/19/2010
Agency	kubeczkod	Reserve pit must be lined. If the existing reserve/drilling or multi-well pit is not lined, then it must be lined in accordance with COGCC Rule 904 prior to being used.	03/19/2010
Agency	kubeczkod	Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.	03/19/2010

Agency	kubeczkod	The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.	03/19/2010
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**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>Proposed BMP's</p> <p>Williams Production RMT Company (Operator #96850)</p> <p>Chevron TR 41 -22 -597 Pad (Location #335936)</p> <p>NENE Sec 22, T5S -R97W, 6tb P.M.</p> <p>2A ATTACHMENT 10</p> <p>Williams Production RMT Company (Williams) is in the process of working with its surface owner, Chevron U.S.A. Inc (Chevron), to establish operational guidelines which incorporate measures recommended by the CDOW for protection of Greater Sage Grouse. For all well pads that are located within Greater Sage Grouse RSO lek areas, Williams and Chevron will enter into a separate Wildlife Mitigation Agreement, which will include additional measures above and beyond those laid forth in the Surface Damage Agreement for protection of Greater Sage Grouse Habitat.</p> <ul style="list-style-type: none"> <li>• Maximize the use of directional drilling to minimize habitat loss /fragmentation.</li> <li>• Minimize rig mobilization and demobilization where practicable by completing or recompleting all wells from a given well pad before moving rigs to a new location.</li> <li>• To the extent practicable, share and consolidate new corridors for pipeline rights -of -way and roads to minimize surface disturbance.</li> <li>• Engineer new pipelines to reduce field fitting and reduce excessive right -of -way widths and therefore subsequent reclamation requirements.</li> <li>• Plan new transportation networks and new oil and gas facilities to minimize surface disturbance and the number and length of oil and gas roads through the utilization of common roads, rights of way, and access points to the extent practicable.</li> <li>• Post speed limits and caution signs to the extent allowed by surface owners, Federal and state regulations, local government, and land use policies, as appropriate.</li> <li>• Use remote monitoring of well production to the extent practicable.</li> <li>• Commensurate with the language set forth on the Surface Damage Agreement, interim and final reclamation shall be performed as early as practical and to the greatest extent possible.</li> <li>• Mow or brushhog vegetation where appropriate, leaving root structure intact, instead of scraping the surface, where allowed by the surface owner.</li> <li>• Apply an aggressive, integrated, noxious and invasive weed management plan. Utilize an adaptive management strategy that permits effective response(s) to monitored findings and reflects local site geography and conditions. Strip and segregate topsoil prior to construction. Appropriately configure topsoil piles and seed as immediate as practicable to control erosion,</li> </ul>

	<p>prevent weed establishment and maintain soil microbial activity.</p> <ul style="list-style-type: none"> <li>• Perform interim reclamation on all disturbed areas not needed for active support of production operations consistent with applicable timing restrictions and requirements.</li> <li>• Control weeds in areas surrounding reclamation areas, as reasonable, in order to reduce weed competition.</li> <li>• Educate employees and contractors about weed issues.</li> <li>• Maintain pre and post development site inspection records and monitor operations for compliance.</li> <li>• Utilize GIS technologies to assess the initial and final extent of disturbance and document reclamation progression.</li> <li>• Ensure that staging, refueling, and chemical storage areas are established outside of riparian zones and floodplains, as appropriate.</li> <li>• Use minimum practical construction widths for new rights -of -way where pipelines cross riparian areas, streams, and critical habitats where possible.</li> <li>• Store and stage emergency spill response equipment at strategic locations so that it is available to expedite effective spill response.</li> <li>• Treat waste water pits and any associated pit containing water that provides a medium for breeding mosquitoes with Bti (Bacillus thuringiensis v. israelensis) or other similar products, or take other effective action to control mosquito larvae that may spread West Nile Virus to wildlife, especially grouse.</li> <li>• Construct fluid pit fences and nets that are capable of withstanding animal pressure and environmental conditions and that are appropriately sized for the wildlife encountered.</li> <li>• Skim and eliminate oil from produced water ponds and fluid pits at a rate sufficient to prevent oiling of birds or other wildlife that could gain access to the pit and as consistent with COGCC skimming requirements.</li> <li>• Reclaim reserve pits as quickly as practical after drilling and and completions to ensure that pit contents do not offer the possibility of unnecessary environmental liability to the environment or local biota.</li> <li>• Install and retrofit, as practical, dual pit liners beneath pits which may contain fluids to provide added protection groundwater, riparian and wetland resources in the immediate and adjacent area(s).</li> <li>• Install and maintain adequate measures to exclude birds and big game from all fluid pits to the greatest extent possible (e.g. fencing, netting, and other appropriate exclusionary measures).</li> <li>• Perform routine inspections of netting and pit liner systems to ensure proper function and condition for preventative maintenance and incident deterrence.</li> </ul>
PROPOSED BMPs	<p>2A ATTACHMENT 10</p> <p>Site Specific Conditions and Storm Water Management Plan</p> <p>SITE DESCRIPTION:</p> <p>Project/Site Name: Chevron TR 41 -22 -597 Field Name: Trail Ridge</p> <p>Location: Section 22, Township 5 South, Range 97 West</p>

CDPS Permit #:COR- 03A116

Site Type: Well Pad

SWMP Administrator: Mike Gardner

CDPS Permit Date: 05/16/06

Estimated Disturbance: —4.8 Acres

Inspection Type: 14 day upon construction; 30 day upon interim reclamation

#### SOIL AND VEGETATION DESCRIPTION•

Soil Types: Northwater -Adel complex, 5 to 50 percent slopes

Parachute- Irigul -Rhône association, 5 to 30 percent slopes

Soil Erosion Potential: Moderate (Erodibility 0.50; USDA -NRCS WSS)

Existing Vegetation Description:

Dominated by shrubland species and assorted grasses intersecting forest land — aspen — to the northeast

Pre - Disturbance Vegetative Cover: —60%

Seed Mix for Interim Reclamation: Chevron BLM Oil Shale Test

Final Stabilization Date: TBD

#### RECEIVING WATERS

Name of Receiving Waters: Wolf Creek

Distance to Receiving Waters: —0.46 Miles

Non -Storm Water Discharges: None Anticipated

Description of Potential Pollution Sources: Refer to Trail Ridge Field Wide SWMP

#### PHASED BMP IMPLEMENTATION

BMPs will be installed prior to, during, and immediately following construction as practicable with consideration given to safety, access, and ground conditions at the time of construction. Due to the nature of the topography at the site, any number of BMP combinations may be utilized at any phase of the project. Constant efforts will be employed to limit the extent of vegetative disturbance at the time of soil exposure during all construction activities and structural BMP implementation.

Through all phases of the project native vegetation will be preserved to the extent possible and utilized as a BMP to filter storm water and eliminate the possibility of pollutant laden storm water from reaching live water. As practicable, all topsoil

stockpiles will be located as to divert run -on and will be temporary seeded to maintain soil structure, microbial activity, soil fertility, establishment of invasive species and protect from

erosion.

For BMP descriptions and installation details, refer to the Trail Ridge Field Wide SWMP and the "Storm Water and 404 Handbook of Best Management Practices (BMPs), January 2006."

#### Construction Phase:

A perimeter earthen berm will be constructed around the edge of the pad during well pad construction to prevent the potential offsite transport of pollutant laden storm water. A straw bale barrier will be constructed along the outside edge of the well pad to prevent offsite transport of any potential pollutants carried via storm water runoff. A perimeter sediment ditch and sediment traps are not practically implementable at this location due to existing pipelines immediately adjacent to the well pad. A brush barrier exists along the southeastern portion of the location to reduce run-on potential and velocity. All fill

slopes will utilize native rock armoring to stabilize the slope and reduce erosion potential during the construction phase. The use of redundant BMPs is employed to alleviate the potential of sediment or other pollutant laden storm water from migrating offsite due to failure of one or more of the sequential BMPs implemented.

Additional structural BMPs will be installed as necessary to ensure site stabilization and to protect surface water quality.

#### Interim Reclamation Phase:

After the well pad has been constructed, drilling and completions are completed, with production facilities in operation, the site will be graded to reduce cut and fill slopes to minimize the overall size of the well pad. Where practicable, the topsoil stockpile will be spread onto the re-contoured surface. Any remaining topsoil will be seeded to maintain stabilization and continued nutrient cycling. The well pad will be re-seeded upon

completed grading activities. Permanent structural BMPs will be installed and maintained as necessary to assist in site stabilization during interim reclamation.

#### Final Stabilisation Phase:

After all wells have been plugged and abandoned, and production facilities are removed the well pad will be graded to restore pre-disturbance contours. Any remaining topsoil will be spread onto the re-contoured surface. The well pad will be re-seeded upon completed grading activities. Storm water inspections will continue until the site has reached a stabilization level of 70% of pre-disturbance conditions. Once the site reached

final stabilization, a post construction storm water management program will be implemented per COGCC Final Amended Rules (December 17, 2008), Rule 1002 (f) (3).

#### \*NOTE:

This document is intended to serve as a preliminary plan to document proposed stormwater management practices for this project. Any additional/alternative site stabilization and/or reclamation efforts may be employed in reflection of unforeseen site conditions or resource availability, and will be updated into the Trail Ridge Field Wide SWMP per requirements of CDPS Permit COR- 03A116, regulated by the Colorado Department of Health and Environment's (CDPHE) General Permit No. COR- 03000.

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:****Comment:** \_\_\_\_\_**Staking:****On Site Inspection (305):**Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:Summary of Operator Response to Landowner Issues:Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:**Facility**

Facility ID: 294866 Type: WELL API Number: 045-15614 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 294867 Type: WELL API Number: 045-15615 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 294868 Type: WELL API Number: 045-15616 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 294869 Type: WELL API Number: 045-15617 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 294870 Type: WELL API Number: 045-15618 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well



**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_  
 Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_  
 Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

Lat \_\_\_\_\_ Long \_\_\_\_\_  
 DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: RANGELAND

Comment: \_\_\_\_\_

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

Inspector Name: LONGWORTH, MIKE

RESTORATION AND REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_

Recontoured \_\_\_\_\_

Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_

Recontoured \_\_\_\_\_

80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

Overall Interim Reclamation \_\_\_\_\_

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_

Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_

Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_

No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_

Contoured \_\_\_\_\_

Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_

Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_

Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_

Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_

Subsidence \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_

Well Release on Active Location ☐

Multi-Well Location ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Pass	Compaction	Fail			
Compaction	Pass	Ditches	Fail			
Gravel	Pass	Gravel	Pass			
Seeding						

S/A/V: **ACTION REQUIRED** Corrective Date: **11/27/2014**

Comment: **Road and bmps into location needs maintained.**

CA: **Repair and maintain road and bmps**

**Pits:** ☐ NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	415286	2094981	

**Attached Documents**

Inspector Name: LONGWORTH, MIKE

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
674700462	Location corrective actions needed	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3470018">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3470018</a>