

**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:  
11/07/2014Document Number:  
674700572

Overall Inspection:

**ACTION REQUIRED****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	426478	426478	LONGWORTH, MIKE	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 100185Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: 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
Inspections, General	970-285-2665	cogcc.inspections@encana.com	
Kellerby, Shaun		shaun.kellerby@state.co.us	

**Compliance Summary:**QtrQtr: NWSW Sec: 24 Twp: 4S Range: 96W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/16/2014	663902660			SATISFACTORY			No

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

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
426477	WELL	PR	11/14/2013	GW	045-21152	STORY GULCH 8510B-23	PR	<input checked="" type="checkbox"/>
426479	WELL	PR	01/11/2014	OW	045-21153	STORY GULCH 8505E-24 L24496	PR	<input checked="" type="checkbox"/>
426480	WELL	DG	08/08/2013	LO	045-21154	STORY GULCH 8504E-24	DG	<input checked="" type="checkbox"/>
426482	WELL	DG	07/12/2013	LO	045-21155	STORY GULCH 8507C-23	DG	<input checked="" type="checkbox"/>
426483	WELL	PR	05/23/2013	OW	045-21156	STORY GULCH 8505D-24	PR	<input checked="" type="checkbox"/>
426484	WELL	DG	08/08/2013	LO	045-21157	STORY GULCH 8502E-23	DG	<input checked="" type="checkbox"/>
426485	WELL	PR	11/14/2013	GW	045-21158	STORY GULCH 8509B-24	PR	<input checked="" type="checkbox"/>
426486	WELL	PR	10/17/2013	GW	045-21159	STORY GULCH 8512A-24	PR	<input checked="" type="checkbox"/>
426487	WELL	PR	04/17/2014	OW	045-21160	STORY GULCH 8507B-23	PR	<input checked="" type="checkbox"/>

426488	WELL	PR	10/20/2013	GW	045-21161	STORY GULCH 8509A-24 L24496	PR	X
426489	WELL	PR	11/14/2013	GW	045-21162	STORY GULCH 8509E-24 L24496	PR	X
426490	WELL	PR	09/12/2013	GW	045-21163	STORY GULCH 8512C-24	PR	X
426491	WELL	DG	07/12/2013	LO	045-21164	STORY GULCH 8507D-23 L24496	WO	X
426492	WELL	PR	08/10/2013	OW	045-21165	STORY GULCH 8509C-24	PR	X
426493	WELL	PR	05/17/2013	OW	045-21166	STORY GULCH 8505C-24 L24496	PR	X
426499	WELL	PR	04/17/2014	OW	045-21167	STORY GULCH 8505B-24	PR	X
426500	WELL	PR	10/20/2013	GW	045-21168	STORY GULCH 8510A-23 L24496	PR	X
426501	WELL	PR	09/02/2013	GW	045-21169	STORY GULCH 8510C-23 L24496	PR	X
426502	WELL	PR	03/06/2014	GW	045-21170	SG 8507A-23	PR	X
426503	WELL	PR	09/02/2013	GW	045-21171	STORY GULCH 8512D-24 L24496	PR	X
426506	WELL	PR	10/17/2013	GW	045-21172	STORY GULCH 8507E-23 L24496	PR	X
426507	WELL	PR	11/14/2013	GW	045-21173	STORY GULCH 8510E-23	PR	X
426510	WELL	PR	11/14/2013	GW	045-21174	STORY GULCH 8512E-24 L24496	PR	X
426511	WELL	PR	05/16/2013	OW	045-21175	STORY GULCH 8508E-24	PR	X
426512	WELL	PR	11/14/2013	GW	045-21176	STORY GULCH 8512B-24 L24496	PR	X
426514	WELL	PR	03/05/2014	GW	045-21177	STORY GULCH 8505A-24	PR	X
426516	WELL	PR	11/14/2013	GW	045-21178	STORY GULCH 8509D-24	PR	X
426519	WELL	PR	11/14/2013	GW	045-21179	STORY GULCH 8510D-23	PR	X
430181	WELL	DG	08/08/2013	LO	045-21707	SG 8504D-24 L24496	DG	X
430182	WELL	DG	08/08/2013	GW	045-21708	SG 8504C-24 L24496	DG	X
430183	WELL	PR	04/14/2014	OW	045-21709	SG 8502D-23 L24496	PR	X
430195	WELL	PR	02/18/2014	GW	045-21710	SG 8502C-23 L24496	PR	X
434862	PIPELINE	XX	10/25/2013		-	L24_to_K24 434862	XX	

**Equipment:**Location Inventory

Inspector Name: LONGWORTH, MIKE

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>32</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>1</u>	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>2</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY			
WELLHEAD	SATISFACTORY			
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	ACTION REQUIRED	500 bbl tank with no labeling/placarding. 500 gallon tank with no contents or placarding.	Install sign to comply with rule 210.	11/21/2014

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: \_\_\_\_\_

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

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Gas Meter Run	6	SATISFACTORY			
Plunger Lift	20	SATISFACTORY			
Plunger Lift	6	SATISFACTORY			

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

Contents	#	Capacity	Type	SE GPS
	1	500 BBLS	STEEL AST	,

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

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

**Paint**

Condition	Adequate
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Other (Content) Contents not on tank

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

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Inspector Name: LONGWORTH, MIKE

	Inadequate			
Corrective Action	Provide berm around tank			Corrective Date 11/21/2014
Comment	No berm			

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

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

**Predrill**

Location ID: 426478

**Site Preparation:**

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

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

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczkod	<p><b>SITE SPECIFIC COAs:</b></p> <p>Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling, completion, and injection operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface or buried pipelines.</p> <p>The nearby hillside must be monitored for any day-lighting of fluids throughout drilling operations.</p> <p>Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or pit located on the well pad or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>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.</p>	10/27/2011

**S/A/V:** ACTION **Comment:** 500 bbl tank with no berm.**CA:** Provide 110% containment around tank**Date:** 11/21/2014**Wildlife BMPs:**

BMP Type	Comment
Wildlife	<ul style="list-style-type: none"> <li>• Install trench plugs (sloped to allow wildlife or livestock to exit the trench should they enter) at known wildlife or livestock trails to allow safe crossing on long spans of open trench, where appropriate, economically and technically feasible.</li> <li>• Perform biological surveys (on-site) for each new development, using the most recent data sets for wildlife and aquatic resources.</li> <li>• Perform pre-disturbance surveys when the on-site inspection and commencement of disturbance occur in different field seasons using the most recent data sets for wildlife and aquatic resources.</li> <li>• Utilize the Encana Wildlife Resources Matrix to identify and document (where appropriate) potential impacts or concerns during the project planning phase for proposed drilling operations and construction of roads, pads and pipelines.</li> <li>• Use enclosed, locking garbage receptacles or implement a strict daily trash removal regime on each temporary or permanent work location.</li> </ul>
Construction	<ul style="list-style-type: none"> <li>• Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible.</li> <li>• Install pipeline crossings at right angles to the drainages, wetlands, and perennial water bodies, where appropriate, economically and technically feasible.</li> <li>• Maintain a minimum of five feet of soil cover between the pipeline and the lowest point of the drainage or water body channel.</li> </ul>
Site Specific	<ul style="list-style-type: none"> <li>• Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible.</li> <li>• Prohibit Encana employees and contractors from carrying projectile weapons on Encana property, except during company organized events.</li> <li>• Prohibit pets on Encana property.</li> <li>• Strategically apply fugitive dust control measures, including enforcing established speed limits on Encana private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.</li> </ul>

**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:	426477	Type:	WELL	API Number:	045-21152	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426479	Type:	WELL	API Number:	045-21153	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426480	Type:	WELL	API Number:	045-21154	Status:	DG	Insp. Status:	DG
Facility ID:	426482	Type:	WELL	API Number:	045-21155	Status:	DG	Insp. Status:	DG
Facility ID:	426483	Type:	WELL	API Number:	045-21156	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426484	Type:	WELL	API Number:	045-21157	Status:	DG	Insp. Status:	DG
Facility ID:	426485	Type:	WELL	API Number:	045-21158	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426486	Type:	WELL	API Number:	045-21159	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426487	Type:	WELL	API Number:	045-21160	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426488	Type:	WELL	API Number:	045-21161	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426489	Type:	WELL	API Number:	045-21162	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426490	Type:	WELL	API Number:	045-21163	Status:	PR	Insp. Status:	PR
<b>Producing Well</b>									
Comment:	Producing well								
Facility ID:	426491	Type:	WELL	API Number:	045-21164	Status:	DG	Insp. Status:	WO
Facility ID:	426492	Type:	WELL	API Number:	045-21165	Status:	PR	Insp. Status:	PR

**Producing Well**Comment: **Producing well**

Facility ID: 426493 Type: WELL API Number: 045-21166 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426499 Type: WELL API Number: 045-21167 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426500 Type: WELL API Number: 045-21168 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426501 Type: WELL API Number: 045-21169 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426502 Type: WELL API Number: 045-21170 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426503 Type: WELL API Number: 045-21171 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426506 Type: WELL API Number: 045-21172 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426507 Type: WELL API Number: 045-21173 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426510 Type: WELL API Number: 045-21174 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426511 Type: WELL API Number: 045-21175 Status: PR Insp. Status: PR

**Complaint**Comment: **Producing well**

Facility ID: 426512 Type: WELL API Number: 045-21176 Status: PR Insp. Status: PR

**Producing Well**Comment: **Producing well**

Facility ID: 426514 Type: WELL API Number: 045-21177 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 426516 Type: WELL API Number: 045-21178 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 426519 Type: WELL API Number: 045-21179 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 430181 Type: WELL API Number: 045-21707 Status: DG Insp. Status: DG

Facility ID: 430182 Type: WELL API Number: 045-21708 Status: DG Insp. Status: DG

Facility ID: 430183 Type: WELL API Number: 045-21709 Status: PR Insp. Status: PR

**Producing Well**

Comment: Producing well

Facility ID: 430195 Type: WELL API Number: 045-21710 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:**



Inspector Name: LONGWORTH, MIKE

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? \_\_\_\_\_

#### 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 \_\_\_\_\_

Inspector Name: LONGWORTH, MIKE

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
Seeding	Fail	Ditches	Pass			
Gravel	Pass	Culverts	Pass			
Compaction	Pass	Compaction	Pass			
Berms	Pass	Check Dams	Pass	MHSP	Pass	Secondary containment
		Gravel	Pass			

S/A/V: SATISFACTOR  
Y \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

CA: \_\_\_\_\_

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

**Attached Documents**

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

Document Num	Description	URL
674700573	Labels and berming	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3478106">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3478106</a>

## **ACTION REQUIRED**

**ANY ACTION REQUIRED** items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)