State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

Air Quality Board
Stephen C. Sands II, *Chair*
Kerry Kelly, *Vice-Chair*
Alan Matheson
Erin Mendenhall
Robert Paine III
Arnold W. Reitze Jr
Michael Smith
William C. Stringer
Karma M. Thomson
Bryce C. Bird,
Executive Secretary

DAQ-023-17a

UTAH AIR QUALITY BOARD MEETING

FINAL AGENDA

Wednesday, May 3, 2017 - 1:30 p.m.
195 North 1950 West, Room 1015
Salt Lake City, Utah 84116

I. Call-to-Order

II. Date of the Next Air Quality Board Meeting: June 7, 2017

III. Approval of the Minutes for March 1, 2017, and March 3, 2017, Board Meetings.

IV. Five-Year Review: R307-105. General Requirements: Emergency Controls; R307-214. National Emission Standards for Hazardous Air Pollutants; R307-401. Permit: New and Modified Sources; R307-403. Permits: New and Modified Sources in Nonattainment Areas and Maintenance Areas; R307-406. Visibility; R307-410. Permits: Emissions Impact Analysis; R307-414. Permits: Fees for Approval Orders; R307-415. Permits: Operating Permit Requirements; R307-417. Permits: Acid Rain Sources; R307-420. Permits: Ozone Offset Requirements in Davis and Salt Lake Counties; R307-421. Permits: PM10 Offset Requirements in Salt Lake County and Utah County; R307-424. Permits: Mercury Requirements for Electric Generating Units. Presented by Ryan Stephens.

V. Propose for Public Comment: Amend R307-122. General Requirements: Heavy Duty Vehicle Tax Credit. Presented by Ryan Stephens.

VI. Propose for Public Comment: R307-230. NO x Emission Limits for Natural Gas-Fired Water Heaters. Presented by Ryan Stephens..

VII. Propose for Public Comment: Amend R307-309. Nonattainment and Maintenance Areas for PM10 and PM2.5: Fugitive Emissions and Fugitive Dust. Presented by Ryan Stephens.

VIII. Informational Items.
- A. Air Toxics. Presented by Robert Ford.
- B. Compliance. Presented by Jay Morris and Harold Burge.
- C. Monitoring. Presented by Bo Call.
- D. Other Items to be Brought Before the Board.

In compliance with the Americans with Disabilities Act, individuals with special needs (including auxiliary communicative aids and services) should contact Larene Wyss, Office of Human Resources at (801) 536-4281, TDD (801) 536-4284 or by email at lwyss@utah.gov.

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UTAH AIR QUALITY BOARD MEETING
March 1, 2017 – 1:30 p.m.
195 North 1950 West, Room 1015
Salt Lake City, Utah 84116

DRAFT MINUTES

I. Call-to-Order

Steve Sands called the meeting to order at 1:30 p.m.

Board members present: Steve Sands, Kerry Kelly, Alan Matheson, Erin Mendenhall, Robert Paine, Arnold Reitze, Michael Smith, and Karma Thomson

Excused: William Stringer

Executive Secretary: Bryce Bird

II. Date of the Next Air Quality Board Meeting: May 3, 2017

III. Approval of the Minutes for February 1, 2017, Board Meeting.

- Robert Paine motioned to approve the minutes as submitted. Karma Thomson second. The Board approved unanimously.

IV. Final Adoption: R307-125. Clean Air Retrofit, Replacement, and Off-Road Technology Program. Presented by Ryan Stephens.

Ryan Stephens, Rules Coordinator at DAQ, stated that the Utah Legislature enacted the clean air retrofit, replacement, and off-road technology (CARROT) program during the 2014 Legislative session. CARROT allows grants or other programs such as exchange, rebate, or low-cost purchase for activities that reduce emissions from non-road or heavy-duty diesel, on-road engines. As a result of the success from the lawn equipment exchanges, the Board proposed amendments that would eliminate the 50% limit the rule currently places on the allocation of CARROT funds toward "exchange, rebate, or low-cost purchase program(s) under 19-2-203(2)." A 30-day public comment period was held, no comments were received on the proposed changes, and no hearing was requested. Staff recommends that the Board adopt R307-125 as proposed.

- Karma Thomason moved for final adoption of R307-125, Clean Air Retrofit, Replacement, and Off-Road Technology Program. Erin Mendenhall seconded. The Board approved unanimously.

V. Final Adoption: R307-841. Residential Property and Child-Occupied Facility Renovation; and R307-842. Lead-Based Paint Activities. Presented by Ryan Stephens.

Ryan Stephens, Rules Coordinator at DAQ, stated that on February 17, 2016, the EPA promulgated changes to the lead renovation, repair, and painting rule and the lead-based paint (LBP) activities rule. These amendments reduced the training burden and costs to the regulated community by allowing electronic training as an option for the LBP renovator refresher course. The Board proposed amendments to R307- 841 and R307-842 to reflect these changes. A 30-day comment period was held for both rules. DAQ responded to comments from EPA. Staff recommends that the Board adopt R307-841 and R307-842.

- Kerry Kelly moved for final adoption of R307-841, Residential Property and Child-Occupied Facility Renovation; and R307-842, Lead-Based Paint Activities. Robert Paine seconded. The Board approved unanimously.

VI. Propose for Public Comment: Amend R307-101-3. Version of Code of Federal Regulations Incorporated by Reference. Presented by Ryan Stephens.

Ryan Stephens, Rules Coordinator at DAQ, stated that this rule must be updated periodically to reflect changes to the federal air quality regulations as published in Title 40 of the Code of Federal Regulations (40 CFR). The rule has been amended to identify the most recent version of 40 CFR as the version that is incorporated throughout the Utah Air Quality Rules. Staff recommends that the Board propose the amended R307-101-3 for public comment.

In discussion, staff responded that if federal rules change and the state has not completed its incorporation by reference for that rule, a source is still obligated to be in compliance with the most stringent rule, which is usually the federal rule.

- Erin Mendenhall moved to propose for public comment, amend R307-101-3, Version of Code of Federal Regulations Incorporated by Reference. Michael Smith seconded. The Board approved unanimously.

VII. Propose for Public Comment: R307-210. Stationary Sources. Presented by Ryan Stephens.

Ryan Stephens, Rules Coordinator at DAQ, stated that R307-210 must be periodically updated to reflect changes to federal air quality regulations found in 40 CFR Part 60. All published changes to 40 CFR Part 60 from July 1, 2015, to July 1, 2016, are listed in the memorandum. To reflect these changes, R307-210 needs to be amended to incorporate by reference the July 1, 2016, version of 40 CFR Part 60. The DAQ is also proposing to change the title of the rule to "Standards of Performance for New Stationary Sources." Staff recommends that the Board propose the amendments to R307-210 for public comment.

- Michael Smith moved to propose for public comment, R307-210, Stationary Sources. Arnold Reitze seconded. The Board approved unanimously.

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VIII. Propose for Public Comment: Amend R307-214. National Emission Standards for Hazardous Air Pollutants. Presented by Ryan Stephens.

Ryan Stephens, Rules Coordinator at DAQ, stated that R307-214 must be updated periodically to reflect changes to the national emission standards for hazardous air pollutants as published in 40 CFR Parts 61 and 63. All published changes to 40 CFR Parts 61 and 63 from July 1, 2015, to July 1, 2016, are listed in the memorandum. To reflect these changes, R307-214 was amended to incorporate by reference the July 1, 2016, version of 40 CFR Parts 61 and 63. Staff recommends that the Board propose the amendments to R307-214 for public comment.

- Robert Paine moved to propose for public comment, amend R307-214, National Emission Standards for Hazardous Air Pollutants. Erin Mendenhall seconded. The Board approved unanimously.

IX. Informational Items.

A. Air Toxics. Presented by Robert Ford.

B**. Compliance. Presented by Jay Morris and Harold Burge.**

C**. Monitoring. Presented by Bo Call.**

DAQ has evaluated the monitoring data related to the $PM_{2.5}$ standard. Except for the Salt Lake nonattainment area, all other nonattainment areas showed a three year average compliance with the standard. The Rose Park monitor is currently the controlling monitor. EPA is basing reclassification on the 2015 year which included some high 2013 monitoring data. EPA has recently slowed on actions to states, which will impact some of Utah's rulemaking and SIPs for the past six months that are currently under review at EPA.

D. Other Items to be Brought Before the Board.

Staff responded to questions on small sources that install small generators. As long as a small source emits less than 5 tons per year of any criteria pollutant the source is not required to register with DAQ or obtain a permit. If a source already has an approval order, any changes like adding a small generator would need to be accounted for in the approval order. As far as the possibility of a small source being out of compliance with federal rules, the DAQ minor source compliance section does enforce such area source rules and works with a small source through outreach. Staff also indicated that a change in the registration program for the oil and gas industry may be presented to the Board at a future meeting.

A legislative update was given. House Bill (HB) 0029, Substitute 4, Energy Efficient Vehicle Tax Credit, was not renewed. HB0065, Air Conservation Act Amendments, which states that DAQ shall allow burning of solid fuel if used for cooking food and would prohibit the Board from any future restrictions as applied to cooking food. HB0096, Petroleum Vapor Recovery Amendments, which puts an existing provision into statute for vapor recovery during the filling of underground storage tanks at gasoline stations and increases the penalty on the third offense. HB0134, Substitute 2, Emission Testing Amendments, is an extension of a requirement to have diesel testing for any county that has emissions testing. HB0392, Air Quality Policy Advisory Board, creates a

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Board that would evaluate potential legislation, provide cost benefit, and provide recommendation to the Legislature on air quality proposals.

Ms. Mendenhall asked the Board if they would consider drafting a letter to Governor Herbert and asking that he veto HB65 which would restrict the Board from considering future rules about solid fuel burning for cooking food. The Board agreed in support of such a letter. It was also agreed that Ms. Mendenhall and Ms. Kelly would draft the letter for approval of the Board and the final letter would be signed by Steve Sands as Chair of the Board.

- Erin Mendenhall motioned to propose that the Air Quality Board draft a letter to Governor Herbert stating the Board's opposition to HB65. Robert Paine seconded. The Board approved unanimously.

Public comment was also introduced during discussion from Kathy Van Dame of Breathe Utah. She explained that Traeger, a grill/smoker manufacturer from Portland, was brought to Utah with a tax incentive and that they are the company behind HB65.

The legislative update continued. House Concurrent Resolution (HCR) 008, HB0183, and HCR005 all pertain to the acceptance and dispersing of the Volkswagen settlement funds. A provision to change the requirement that a majority of Board members cannot be from the same political party was removed from all state Boards. Finally, there are two budget requests still in the process. One is a large appropriation request for air monitoring and the other is for an extension of the storage tank emission pilot project in the Uinta Basin.

Meeting adjourned at 2:15 p.m.

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UTAH AIR QUALITY BOARD
TELECONFERENCE MEETING
March 3, 2017 – 12:15 p.m.
195 North 1950 West, Room 1015
Salt Lake City, Utah 84116

DRAFT MINUTES

I. Call-to-Order

Steve Sands called the meeting to order at 12:17 p.m.

Board members present by telephone: Steve Sands, Kerry Kelly, Erin Matheson, Robert Paine, Arnold Reitze, Michael Smith, William Stringer, and Karma Thomson

Excused: Alan Matheson

Executive Secretary: Bryce Bird

Mr. Sands explained that a motion is required on a proposal to send Governor Herbert a letter with the Board's concerns with House Bill 65.

II. Comment Letter to Governor Gary R. Herbert on House Bill 65, Air Conservation Act Amendments.

- Robert Paine motioned for a proposal that the Board send a letter to Governor Herbert regarding their concerns over House Bill 65. Erin Mendenhall seconded. The Board approved unanimously.

It was confirmed that Ms. Mendenhall would finalize the letter, which was circulated to the entire Board, with the latest edits. Steve Sands will sign the final letter and distribute a signed copy electronically to the Board and the Executive Secretary. Division staff will courier a final copy to the Governor's office.

Meeting adjourned at 12:24 p.m.

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ITEM 4

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DAQ-026-17

M E M O R A N D U M

TO: Air Quality Board

THROUGH: Bryce C. Bird, Executive Secretary

FROM: Ryan Stephens, Environmental Planning Consultant

DATE: April 19, 2017

SUBJECT: FIVE-YEAR REVIEWS: R307-105, R307-214, R307-401, R307-403, R307-406, R307-410, R307-414, R307-415, R307-417, R307-420, R307-421, and R307-424.

Utah Code 63G-3-305 requires each agency to review and justify each of its rules within five years of a rule's original effective date or within five years of the filing of the last five-year review. This review process is not a time to revise or amend the rules, but only to verify that the rule is still necessary and allowed under state and federal law. As part of this process, we are required to identify any comments received since the last five-year review of each rule. This process is not the time to revisit those comments or to respond to them.

DAQ has completed five-year reviews for the following rules:

R307-105. General Requirements: Emergency Controls.
R307-214. National Emission Standards for Hazardous Air Pollutants.
R307-401. Permit: New and Modified Sources.
R307-403. Permits: New and Modified Sources in Nonattainment Areas and Maintenance Areas.
R307-406. Visibility.
R307-410. Permits: Emissions Impact Analysis.
R307-414. Permits: Fees for Approval Orders.
R307-415. Permits: Operating Permit Requirements.
R307-417. Permits: Acid Rain Sources.
R307-420. Permits: Ozone Offset Requirements in Davis and Salt Lake Counties.
R307-421. Permits: PM10 Offset Requirements in Salt Lake County and Utah County.
R307-424. Permits: Mercury Requirements for Electric Generating Units.

The results of these reviews are found in the attached Five-Year Notice of Review and Statement of Continuation forms.

Recommendation: Staff recommends that the Board continue these rules by approving the attached forms to be filed with the Division of Administrative Rules.

R307. Environmental Quality, Air Quality.
R307-105. General Requirements: Emergency Controls.
R307-105-1. Air Pollution Emergency Episodes.

(1) Determination of an episode and its extent or stage shall be made by the director taking into consideration the levels of pollutant concentrations contained at 40 CFR Section 51.151 and 40 CFR Section 51, Appendix L, and summarized in the table below:

TABLE

AIR POLLUTION EPISODE CRITERIA
(values in micrograms/cubic meter unless stated otherwise)

POLLUTANT	ALERT	WARNING	EMERGENCY	NEVER TO BE EXCEEDED
SULFUR DIOXIDE 24-hour average	800 (0.3 ppm)	1,600 (0.6 ppm)	2,100 (0.8 ppm)	2,620 (1.0 ppm)
PM10 24-hour average	350	420	500	600
CARBON MONOXIDE				
8-hour average	17,000 (15 ppm)	34,000 (30 ppm)	46,000 (40 ppm)	57,500 (50 ppm)
4-hour average				86,300 (75 ppm)
1-hour average				144,000 (125 ppm)
OZONE				
1-hour average	400 (0.2 ppm)	800 (0.4 ppm)	1,000 (0.5 ppm)	
2-hour average				1,200 (0.6 ppm)
NITROGEN DIOXIDE 1-hour average	1130 (0.6 ppm)	2,260 (1.2 ppm)	3,000 (1.6 ppm)	3,750 (2.0 ppm)
NITROGEN DIOXIDE 24-hour average	282 (0.15 ppm)	565 (0.3 ppm)	750 (0.4 ppm)	938 (0.5 ppm)

An air pollution alert, air pollution warning, or air pollution emergency will be declared when any one of the above pollutants reaches the specified levels at any monitoring site.

In addition to the levels listed for the above pollutants, meteorological conditions are such that pollutant concentrations can be expected to remain at the above levels for twelve (12) or more hours or increase, or in the case of ozone, the situation is likely to reoccur within the next 24-hours unless control actions are taken.

ALERT The Alert level is that concentration at which first stage control action is to begin.

WARNING The warning level indicates that air quality is continuing to degrade and that additional control actions are necessary.

EMERGENCY The emergency level indicates that air quality is continuing to degrade toward a level of significant harm to the health of persons and that the most stringent control actions are necessary.

(2) The director shall also take into consideration, to determine an episode and its extent, rate of change of concentration, meteorological forecasts, and the geographical area of the episode, including a consideration of point and area sources of emission, where applicable.

R307-105-2. Emergency Actions.

(1) If an episode is determined to exist, the Executive Director, with concurrence of the Governor shall:

(a) Make public announcements pertaining to the existence, extent and area of the episode.

(b) Require corrective measures as necessary to prevent a further deterioration of air quality.

(2) Episode termination shall be announced by the Executive Director, with concurrence of the Governor, once monitored pollutant concentration data and meteorological forecasts determine the crisis is over.

KEY: air pollution, emergency powers, governor*, air pollution
Date of Enactment or Last Substantive Amendment: September 15, 1998
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-112

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158717
Utah Admin. Code ref. (R no.): R307-105

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

Room no.: Fourth Floor
Building:
Street address 1: 195 N 1950 W
Street address 2:
City, state, zip: SALT LAKE CITY UT 84116-3085
Mailing address 1: PO BOX 144820
Mailing address 2:
City, state, zip: SALT LAKE CITY UT 84114-4820

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Ryan Stephens	801-536-4419	801-536-0085	rstephens@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
General Requirements: Emergency Controls.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-112 allows the executive director of the Department of Environmental Quality, with the concurrence of the Governor, to declare an air pollution emergency and order reductions in emissions of air pollutants. R307-105 establishes the levels of air pollutants that create an emergency as well as other factors used in determining that an emergency exists.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
No written comments have been received about this rule since its last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
R307-105 satisfies federal regulations implementing the Clean Air Act that prevent ambient pollutant concentrations from reaching certain levels that cause significant harm to human health and the environment. These requirements are found in 40 C.F.R. 51.151.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, governor, emergency powers

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-214. National Emission Standards for Hazardous Air Pollutants.
R307-214-1. Pollutants Subject to Part 61.

The provisions of Title 40 of the Code of Federal Regulations (40 CFR) Part 61, National Emission Standards for Hazardous Air Pollutants, effective as of July 1, 2015, are incorporated into these rules by reference. For pollutant emission standards delegated to the State, references in 40 CFR Part 61 to "the Administrator" shall refer to the director.

R307-214-2. Sources Subject to Part 63.

The provisions listed below of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories, effective as of July 1, 2015, are incorporated into these rules by reference. References in 40 CFR Part 63 to "the Administrator" shall refer to the director, unless by federal law the authority is specific to the Administrator and cannot be delegated.

(1) 40 CFR Part 63, Subpart A, General Provisions.

(2) 40 CFR Part 63, Subpart B, Requirements for Control Technology Determinations for Major Sources in Accordance with 42 U.S.C. 7412(g) and (j).

(3) 40 CFR Part 63, Subpart F, National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry.

(4) 40 CFR Part 63, Subpart G, National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater.

(5) 40 CFR Part 63, Subpart H, National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks.

(6) 40 CFR Part 63, Subpart I, National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks.

(7) 40 CFR Part 63, Subpart J, National Emission Standards for Polyvinyl Chloride and Copolymers Production.

(8) 40 CFR Part 63, Subpart L, National Emission Standards for Coke Oven Batteries.

(9) 40 CFR Part 63, Subpart M, National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities.

(10) 40 CFR Part 63, Subpart N, National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks.

(11) 40 CFR Part 63, Subpart O, National Emission Standards for Hazardous Air Pollutants for Ethylene Oxide Commercial Sterilization and Fumigation Operations.

(12) 40 CFR Part 63, Subpart Q, National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers.

(13) 40 CFR Part 63, Subpart R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations).

(14) 40 CFR Part 63, Subpart T, National Emission Standards for Halogenated Solvent Cleaning.

(15) 40 CFR Part 63, Subpart U, National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins.

(16) 40 CFR Part 63, Subpart AA, National Emission Standards for Hazardous Air Pollutants for Phosphoric Acid Manufacturing.

(17) 40 CFR Part 63, Subpart BB, National Emission Standards for Hazardous Air Pollutants for Phosphate Fertilizer Production.

(18) 40 CFR Part 63, Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.

(19) 40 CFR Part 63, Subpart DD, National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations.

(20) 40 CFR Part 63, Subpart EE, National Emission Standards for Magnetic Tape Manufacturing Operations.

(21) 40 CFR Part 63, Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework Facilities.

(22) 40 CFR Part 63, Subpart HH, National Emission Standards for Hazardous Air Pollutants for Oil and Natural Gas Production.

(23) 40 CFR Part 63, Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations.

(24) 40 CFR Part 63, Subpart KK, National Emission Standards for the Printing and Publishing Industry.

(25) 40 CFR Part 63, Subpart MM, National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills.

(26) 40 CFR Part 63, Subpart OO, National Emission Standards for Tanks - Level 1.

(27) 40 CFR Part 63, Subpart PP, National Emission Standards for Containers.

(28) 40 CFR Part 63, Subpart QQ, National Emission Standards for Surface Impoundments.

(29) 40 CFR Part 63, Subpart RR, National Emission Standards for Individual Drain Systems.

(30) 40 CFR Part 63, Subpart SS, National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process (Generic MACT).

(31) 40 CFR Part 63, Subpart TT, National Emission Standards for Equipment Leaks- Control Level 1 (Generic MACT).

(32) 40 CFR Part 63, Subpart UU, National Emission Standards for Equipment Leaks-Control Level 2 Standards (Generic MACT).

(33) 40 CFR Part 63, Subpart VV, National Emission Standards for Oil-Water Separators and Organic-Water Separators.

(34) 40 CFR Part 63, Subpart WW, National Emission Standards for Storage Vessels (Tanks)-Control Level 2 (Generic MACT).

(35) 40 CFR Part 63, Subpart XX, National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations.

(36) 40 CFR Part 63, Subpart YY, National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic MACT.

(37) 40 CFR Part 63, Subpart CCC, National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants.

(38) 40 CFR Part 63, Subpart DDD, National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production.

(39) 40 CFR Part 63, Subpart EEE, National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors.

(40) 40 CFR Part 63, Subpart GGG, National Emission Standards for Hazardous Air Pollutants for Pharmaceuticals Production.

(41) 40 CFR Part 63, Subpart HHH, National Emission Standards for Hazardous Air Pollutants for Natural Gas Transmission and Storage.

(42) 40 CFR Part 63, Subpart III, National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production.

(43) 40 CFR Part 63, Subpart JJJ, National Emission Standards for Hazardous Air Pollutants for Group IV Polymers and Resins.

(44) 40 CFR Part 63, Subpart LLL, National Emission Standards for Hazardous Air Pollutants for Portland Cement Manufacturing Industry.

(45) 40 CFR Part 63, Subpart MMM, National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production.

(46) 40 CFR Part 63, Subpart NNN, National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing.

(47) 40 CFR Part 63, Subpart OOO, National Emission Standards for Hazardous Air Pollutants for Amino/Phenolic Resins Production (Resin III).

(48) 40 CFR Part 63, Subpart PPP, National Emission Standards for Hazardous Air Pollutants for Polyether Polyols Production.

(49) 40 CFR Part 63, Subpart QQQ, National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelters.

(50) 40 CFR Part 63, Subpart RRR, National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production.

(51) 40 CFR Part 63, Subpart TTT, National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting.

(52) 40 CFR Part 63, Subpart UUU, National Emission Standards

for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.

(53) 40 CFR Part 63, Subpart VVV, National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works.

(54) 40 CFR Part 63, Subpart AAAA, National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.

(55) 40 CFR Part 63, Subpart CCCC, National Emission Standards for Manufacturing of Nutritional Yeast.

(56) 40 CFR Part 63, Subpart DDDD, National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products.

(57) 40 CFR Part 63, Subpart EEEE, National Emission Standards for Hazardous Air Pollutants for Organic Liquids Distribution (non-gasoline).

(58) 40 CFR Part 63, Subpart FFFF, National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Manufacturing.

(59) 40 CFR Part 63, Subpart GGGG, National Emission Standards for Vegetable Oil Production; Solvent Extraction.

(60) 40 CFR Part 63, Subpart HHHH, National Emission Standards for Wet-Formed Fiberglass Mat Production.

(61) 40 CFR Part 63, Subpart IIII, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Automobiles and Light-Duty Trucks.

(62) 40 CFR Part 63, Subpart JJJJ, National Emission Standards for Hazardous Air Pollutants for Paper and Other Web Surface Coating Operations.

(63) 40 CFR Part 63, Subpart KKKK, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Metal Cans.

(64) 40 CFR Part 63, Subpart MMMM, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.

(65) 40 CFR Part 63, Subpart NNNN, National Emission Standards for Large Appliances Surface Coating Operations.

(66) 40 CFR Part 63, Subpart OOOO, National Emission Standards for Hazardous Air Pollutants for Fabric Printing, Coating and Dyeing Surface Coating Operations.

(67) 40 CFR Part 63, Subpart PPPP, National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products.

(68) 40 CFR Part 63, Subpart QQQQ, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Wood Building Products.

(69) 40 CFR Part 63, Subpart RRRR, National Emission Standards for Hazardous Air Pollutants for Metal Furniture Surface Coating Operations.

(70) 40 CFR Part 63, Subpart SSSS, National Emission Standards for Metal Coil Surface Coating Operations.

(71) 40 CFR Part 63, Subpart TTTT, National Emission Standards for Leather Tanning and Finishing Operations.

(72) 40 CFR Part 63, Subpart UUUU, National Emission Standards for Cellulose Product Manufacturing.

(73) 40 CFR Part 63, Subpart VVVV, National Emission Standards for Boat Manufacturing.

(74) 40 CFR Part 63, Subpart WWWW, National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production.

(75) 40 CFR Part 63, Subpart XXXX, National Emission Standards for Tire Manufacturing.

(76) 40 CFR Part 63, Subpart YYYY, National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines.

(77) 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

(78) 40 CFR Part 63, Subpart AAAAA, National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants.

(79) 40 CFR Part 63, Subpart BBBBB, National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing.

(80) 40 CFR Part 63, Subpart CCCCC, National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks.

(81) 40 CFR Part 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters.

(82) 40 CFR Part 63, Subpart EEEEE, National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries.

(83) 40 CFR Part 63, Subpart FFFFF, National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing.

(84) 40 CFR Part 63, Subpart GGGGG, National Emission Standards for Hazardous Air Pollutants for Site Remediation.

(85) 40 CFR Part 63, Subpart HHHHH, National Emission Standards for Hazardous Air Pollutants for Miscellaneous Coating Manufacturing.

(86) 40 CFR Part 63, Subpart IIIII, National Emission Standards for Hazardous Air Pollutants for Mercury Emissions from Mercury Cell Chlor-Alkali Plants.

(87) 40 CFR Part 63, Subpart JJJJJ, National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing.

(88) 40 CFR Part 63, Subpart KKKKK, National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing.

(89) 40 CFR Part 63, Subpart LLLLL, National Emission Standards for Hazardous Air Pollutants for Asphalt Processing and Asphalt Roofing Manufacturing.

(90) 40 CFR Part 63, Subpart MMMMM, National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Fabrication Operations.

(91) 40 CFR Part 63, Subpart NNNNN, National Emission Standards for Hazardous Air Pollutants for Hydrochloric Acid Production.

(92) 40 CFR Part 63, Subpart PPPPP, National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands.

(93) 40 CFR Part 63, Subpart QQQQQ, National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities.

(94) 40 CFR Part 63, Subpart RRRRR, National Emission Standards for Hazardous Air Pollutants for Taconite Iron Ore Processing.

(95) 40 CFR Part 63, Subpart SSSSS, National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing.

(96) 40 CFR Part 63, Subpart TTTTT, National Emission Standards for Hazardous Air Pollutants for Primary Magnesium Refining.

(97) 40 CFR Part 63, Subpart UUUUU, National Emission Standards for Hazardous Air Pollutants for Coal- and Oil-Fired Electric Utility Steam Generating Units.

(98) 40 CFR Part 63, Subpart WWWWW, National Emission Standards for Hospital Ethylene Oxide Sterilizers.

(99) 40 CFR Part 63, Subpart YYYYY, National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities.

(100) 40 CFR Part 63, Subpart ZZZZZ, National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources.

(101) 40 CFR Part 63 Subpart BBBBBB National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

(102) 40 CFR Part 63 Subpart CCCCCC National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities.

(103) 40 CFR Part 63, Subpart DDDDDD, National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources.

(104) 40 CFR Part 63, Subpart EEEEEE, National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources.

(105) 40 CFR Part 63, Subpart FFFFFF, National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources.

(106) 40 CFR Part 63, Subpart GGGGGG, National Emission

Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources--Zinc, Cadmium, and Beryllium.

(107) 40 CFR Part 63, Subpart JJJJJJ, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources.

(108) 40 CFR Part 63, Subpart LLLLLL, National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources.

(109) 40 CFR Part 63, Subpart MMMMMM, National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources.

(110) 40 CFR Part 63, Subpart NNNNNN, National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds.

(111) 40 CFR Part 63, Subpart OOOOOO, National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources.

(112) 40 CFR Part 63, Subpart PPPPPP, National Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area Sources.

(113) 40 CFR Part 63, Subpart QQQQQQ, National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources.

(114) 40 CFR Part 63, Subpart RRRRRR, National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources.

(115) 40 CFR Part 63, Subpart SSSSSS, National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources.

(116) 40 CFR Part 63, Subpart VVVVVV, National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources.

(117) 40 CFR Part 63, Subpart TTTTTT, National Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources.

(118) 40 CFR Part 63, Subpart WWWWWW, National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations.

(119) 40 CFR Part 63, Subpart XXXXXX, National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories.

(120) 40 CFR Part 63, Subpart YYYYYY, National Emission Standards for Hazardous Air Pollutants for Area Sources: Ferroalloys Production Facilities.

(121) 40 CFR Part 63, Subpart ZZZZZZ, National Emission

Standards for Hazardous Air Pollutants: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries.

(122) 40 CFR Part 63, Subpart AAAAAAA, National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing.

(123) 40 CFR Part 63, Subpart BBBBBBB, National Emission Standards for Hazardous Air Pollutants for Area Sources: Chemical Preparations Industry.

(124) 40 CFR Part 63, Subpart CCCCCCC, National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing.

(125) 40 CFR Part 63, Subpart DDDDDDD, National Emission Standards for Hazardous Air Pollutants for Area Sources: Prepared Feeds Manufacturing.

(126) 40 CFR Part 63, Subpart EEEEEEE, National Emission Standards for Hazardous Air Pollutants: Gold Mine Ore Processing and Production Area Source Category.

KEY: air pollution, hazardous air pollutant, MACT, NESHAP
Date of Enactment or Last Substantive Amendment: August 4, 2016
Notice of Continuation: November 8, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104(1)(a)

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158718
Utah Admin. Code ref. (R no.): R307-214

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

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Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
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(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
National Emission Standards for Hazardous Air Pollutants.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Subsection 19-2-104(1)(a) allows the Air Quality Board to make rules regarding the control, abatement, and prevention of air pollution from all sources. Rule R307-214 does this by incorporating by reference the federal standards for emissions of hazardous pollutants from various sources.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
No comments were received in opposition or support of this rule since the last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
Incorporating federal rules into the Utah rules enables the Utah Division of Air Quality to enforce its own air quality rules. This prevents EPA from having to step in and take over Utah's regulatory scheme over its own sources of air pollution.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, NESHAP, hazardous air pollutant, MACT

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-401. Permit: New and Modified Sources.
R307-401-1. Purpose.

This rule establishes the application and permitting requirements for new installations and modifications to existing installations throughout the State of Utah. Additional permitting requirements apply to larger installations or installations located in nonattainment or maintenance areas. These additional requirements can be found in R307-403, R307-405, R307-406, R307-420, and R307-421. Modeling requirements in R307-410 may also apply. Each of the permitting rules establishes independent requirements, and the owner or operator must comply with all of the requirements that apply to the installation. Exemptions under R307-401 do not affect applicability of the other permitting rules.

R307-401-2. Definitions.

(1) The following additional definitions apply to R307-401.

"Actual emissions" (a) means the actual rate of emissions of an air pollutant from an emissions unit, as determined in accordance with paragraphs (b) through (d) below.

(b) In general, actual emissions as of a particular date shall equal the average rate, in tons per year, at which the unit actually emitted the air pollutant during a consecutive 24-month period which precedes the particular date and which is representative of normal source operation. The director shall allow the use of a different time period upon a determination that it is more representative of normal source operation. Actual emissions shall be calculated using the unit's actual operating hours, production rates, and types of materials processed, stored, or combusted during the selected time period.

(c) The director may presume that source-specific allowable emissions for the unit are equivalent to the actual emissions of the unit.

(d) For any emissions unit that has not begun normal operations on the particular date, actual emissions shall equal the potential to emit of the unit on that date.

"Best available control technology" means an emissions limitation (including a visible emissions standard) based on the maximum degree of reduction for each air pollutant which would be emitted from any proposed stationary source or modification which the director, on a case-by-case basis, taking into account energy, environmental, and economic impacts and other costs, determines is achievable for such source or modification through application of production processes or available methods, systems, and techniques, including fuel cleaning or treatment or innovative fuel combustion

techniques for control of such pollutant. In no event shall application of best available control technology result in emissions of any pollutant which would exceed the emissions allowed by any applicable standard under 40 CFR parts 60 and 61. If the director determines that technological or economic limitations on the application of measurement methodology to a particular emissions unit would make the imposition of an emissions standard infeasible, a design, equipment, work practice, operational standard or combination thereof, may be prescribed instead to satisfy the requirement for the application of best available control technology. Such standard shall, to the degree possible, set forth the emissions reduction achievable by implementation of such design, equipment, work practice or operation, and shall provide for compliance by means which achieve equivalent results.

"Building, structure, facility, or installation" means all of the pollutant-emitting activities which belong to the same industrial grouping, are located on one or more contiguous or adjacent properties, and are under the control of the same person (or persons under common control) except the activities of any vessel. Pollutant-emitting activities shall be considered as part of the same industrial grouping if they belong to the same Major Group (i.e., which have the same two-digit code) as described in the Standard Industrial Classification Manual, 1972, as amended by the 1977 Supplement (U.S. Government Printing Office stock numbers 4101-0066 and 003-005-00176-0, respectively).

"Construction" means any physical change or change in the method of operation (including fabrication, erection, installation, demolition, or modification of an emissions unit) that would result in a change in emissions.

"Emissions unit" means any part of a stationary source that emits or would have the potential to emit any air pollutant.

"Fugitive emissions" means those emissions which could not reasonably pass through a stack, chimney, vent, or other functionally equivalent opening.

"Indirect source" means a building, structure, facility or installation which attracts or may attract mobile source activity that results in emission of a pollutant for which there is a national standard.

"Potential to emit" means the maximum capacity of a stationary source to emit an air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitation or the effect it would have on emissions

is enforceable. Secondary emissions do not count in determining the potential to emit of a stationary source.

"Secondary emissions" means emissions which occur as a result of the construction or operation of a major stationary source or major modification, but do not come from the major stationary source or major modification itself. Secondary emissions include emissions from any offsite support facility which would not be constructed or increase its emissions except as a result of the construction or operation of the major stationary source or major modification. Secondary emissions do not include any emissions which come directly from a mobile source, such as emissions from the tailpipe of a motor vehicle, from a train, or from a vessel.

"Stationary source" means any building, structure, facility, or installation which emits or may emit an air pollutant.

R307-401-3. Applicability.

(1) R307-401 applies to any person intending to:

(a) construct a new installation which will or might reasonably be expected to become a source or an indirect source of air pollution, or

(b) make modifications or relocate an existing installation which will or might reasonably be expected to increase the amount or change the effect of, or the character of, air pollutants discharged, so that such installation may be expected to become a source or indirect source of air pollution, or

(c) install a control apparatus or other equipment intended to control emissions of air pollutants.

(2) R307-403, R307-405 and R307-406 may establish additional permitting requirements for new or modified sources.

(a) Exemptions contained in R307-401 do not affect applicability or other requirements under R307-403, R307-405 or R307-406.

(b) Exemptions contained in R307-403, R307-405 or R307-406 do not affect applicability or other requirements under R307-401, unless specifically authorized in this rule.

R307-401-4. General Requirements.

The general requirements in (1) through (3) below apply to all new and modified installations, including installations that are exempt from the requirement to obtain an approval order.

(1) Any control apparatus installed on an installation shall be adequately and properly maintained.

(2) If the director determines that an exempted installation is not meeting an approval order or State Implementation Plan limitation, is creating an adverse impact to the environment, or would be injurious

to human health or welfare, then the director may require the owner or operator to submit a notice of intent and obtain an approval order in accordance with R307-401-5 through R307-401-8. The director will complete an appropriate analysis and evaluation in consultation with the owner or operator before determining that an approval order is required.

(3) Low Oxides of Nitrogen Burner Technology.

(a) Except as provided in (b) below, whenever existing fuel combustion burners are replaced, the owner or operator shall install low oxides of nitrogen burners or equivalent oxides of nitrogen controls, as determined by the director, unless such equipment is not physically practical or cost effective. The owner or operator shall submit a demonstration that the equipment is not physically practical or cost effective to the director for review and approval prior to beginning construction.

(b) The provisions of (a) above do not apply to non-commercial, residential buildings.

R307-401-5. Notice of Intent.

(1) Except as provided in R307-401-9 through R307-401-17, any person subject to R307-401 shall submit a notice of intent to the director and receive an approval order prior to initiation of construction, modification or relocation. The notice of intent shall be in a format specified by the director.

(2) The notice of intent shall include the following information:

(a) A description of the nature of the processes involved; the nature, procedures for handling and quantities of raw materials; the type and quantity of fuels employed; and the nature and quantity of finished product.

(b) Expected composition and physical characteristics of effluent stream both before and after treatment by any control apparatus, including emission rates, volume, temperature, air pollutant types, and concentration of air pollutants.

(c) Size, type and performance characteristics of any control apparatus.

(d) An analysis of best available control technology for the proposed source or modification. When determining best available control technology for a new or modified source in an ozone nonattainment or maintenance area that will emit volatile organic compounds or nitrogen oxides, the owner or operator of the source shall consider EPA Control Technique Guidance (CTG) documents and Alternative Control Technique documents that are applicable to the source. Best available control technology shall be at least as stringent as any published CTG that is applicable to the source.

(e) Location and elevation of the emission point and other factors relating to dispersion and diffusion of the air pollutant in relation to nearby structures and window openings, and other information necessary to appraise the possible effects of the effluent.

(f) The location of planned sampling points and the tests of the completed installation to be made by the owner or operator when necessary to ascertain compliance.

(g) The typical operating schedule.

(h) A schedule for construction.

(i) Any plans, specifications and related information that are in final form at the time of submission of notice of intent.

(j) Any additional information required by:

(i) R307-403, Permits: New and Modified Sources in Nonattainment Areas and Maintenance Areas;

(ii) R307-405, Permits: Major Sources in Attainment or Unclassified Areas (PSD);

(iii) R307-406, Visibility;

(iv) R307-410, Emissions Impact Analysis;

(v) R307-420, Permits: Ozone Offset Requirements in Davis and Salt Lake Counties; or

(vi) R307-421, Permits: PM10 Offset Requirements in Salt Lake County and Utah County.

(k) Any other information necessary to determine if the proposed source or modification will be in compliance with Title R307.

(3) Notwithstanding the exemption in R307-401-9 through 16, any person that is subject to R307-403, R307-405, or R307-406 shall submit a notice of intent to the director and receive an approval order prior to initiation of construction, modification, or relocation.

R307-401-6. Review Period.

(1) Completeness Determination. Within 30 days after receipt of a notice of intent, or any additional information necessary to the review, the director will advise the applicant of any deficiency in the notice of intent or the information submitted.

(2) Within 90 days of receipt of a complete application including all the information described in R307- 401-5, the director will

(a) issue an approval order for the proposed construction, installation, modification, relocation, or establishment pursuant to the requirements of R307-401-8, or

(b) issue an order prohibiting the proposed construction, installation, modification, relocation or establishment if it is deemed that any part of the proposal is inadequate to meet the applicable requirements of R307.

(3) The review period under (2) above may be extended by up to three 30-day extensions if more time is needed to review the proposal.

R307-401-7. Public Notice.

(1) Issuing the Notice. Prior to issuing an approval or disapproval order, the director will advertise intent to approve or disapprove in a newspaper of general circulation in the locality of the proposed construction, installation, modification, relocation or establishment.

(2) Opportunity for Review and Comment.

(a) At least one location will be provided where the information submitted by the owner or operator, the director's analysis of the notice of intent proposal, and the proposed approval order conditions will be available for public inspection.

(b) Public Comment.

(i) A 30-day public comment period will be established.

(ii) A request to extend the length of the comment period, up to 30 days, may be submitted to the director within 15 days of the date the notice in R307-401-7(1) is published.

(iii) Public Hearing. A request for a hearing on the proposed approval or disapproval order may be submitted to the director within 15 days of the date the notice in R307-401-7(1) is published.

(iv) The hearing will be held in the area of the proposed construction, installation, modification, relocation or establishment.

(v) The public comment and hearing procedure shall not be required when an order is issued for the purpose of extending the time required by the director to review plans and specifications.

(3) The director will consider all comments received during the public comment period and at the public hearing and, if appropriate, will make changes to the proposal in response to comments before issuing an approval order or disapproval order.

R307-401-8. Approval Order.

(1) The director will issue an approval order if the following conditions have been met:

(a) The degree of pollution control for emissions, to include fugitive emissions and fugitive dust, is at least best available control technology. When determining best available control technology for a new or modified source in an ozone nonattainment or maintenance area that will emit volatile organic compounds or nitrogen oxides, best available control technology shall be at least as stringent as any Control Technique Guidance document that has been published by EPA that is applicable to the source.

(b) The proposed installation will meet the applicable

requirements of:

(i) R307-403, Permits: New and Modified Sources in Nonattainment Areas and Maintenance Areas;

(ii) R307-405, Permits: Major Sources in Attainment or Unclassified Areas (PSD);

(iii) R307-406, Visibility;

(iv) R307-410, Emissions Impact Analysis;

(v) R307-420, Permits: Ozone Offset Requirements in Davis and Salt Lake Counties;

(vi) R307-210, National Standards of Performance for New Stationary Sources;

(vii) National Primary and Secondary Ambient Air Quality Standards;

(viii) R307-214, National Emission Standards for Hazardous Air Pollutants;

(ix) R307-110, Utah State Implementation Plan; and

(x) all other provisions of R307.

(2) The approval order will require that all pollution control equipment be adequately and properly maintained.

(3) Receipt of an approval order does not relieve any owner or operator of the responsibility to comply with the provisions of R307 or the State Implementation Plan.

(4) To accommodate staged construction of a large source, the director may issue an order authorizing construction of an initial stage prior to receipt of detailed plans for the entire proposal provided that, through a review of general plans, engineering reports and other information the proposal is determined feasible by the director under the intent of R307. Subsequent detailed plans will then be processed as prescribed in this paragraph. For staged construction projects the previous determination under R307-401-8(1) and (2) will be reviewed and modified as appropriate at the earliest reasonable time prior to commencement of construction of each independent phase of the proposed source or modification.

(5) If the director determines that a proposed stationary source, modification or relocation does not meet the conditions established in (1) above, the director will not issue an approval order.

R307-401-9. Small Source Exemption.

(1) A small stationary source is exempted from the requirement to obtain an approval order in R307-401-5 through 8 if the following conditions are met.

(a) its actual emissions are less than 5 tons per year per air pollutant of any of the following air pollutants: sulfur dioxide, carbon monoxide, nitrogen oxides, PM_{10}, ozone, or volatile organic

compounds;

(b) its actual emissions are less than 500 pounds per year of any hazardous air pollutant and less than 2000 pounds per year of any combination of hazardous air pollutants;

(c) its actual emissions are less than 500 pounds per year of any air pollutant not listed in (a)(or (b) above and less than 2000 pounds per year of any combination of air pollutants not listed in (a) or (b) above.

(d) Air pollutants that are drawn from the environment through equipment in intake air and then are released back to the environment without chemical change, as well as carbon dioxide, nitrogen, oxygen, argon, neon, helium, krypton, xenon should not be included in emission calculations when determining applicability under (a) through (c) above.

(2) The owner or operator of a source that is exempted from the requirement to obtain an approval order under (1) above shall no longer be exempt if actual emissions in any subsequent year exceed the emission thresholds in (1) above. The owner or operator shall submit a notice of intent under R307-401-5 no later than 180 days after the end of the calendar year in which the source exceeded the emission threshold.

(3) Small Source Exemption - Registration. The director will maintain a registry of sources that are claiming an exemption under R307-401-9. The owner or operator of a stationary source that is claiming an exemption under R307-401-9 may submit a written registration notice to the director. The notice shall include the following minimum information:

(a) identifying information, including company name and address, location of source, telephone number, and name of plant site manager or point of contact;

(b) a description of the nature of the processes involved, equipment, anticipated quantities of materials used, the type and quantity of fuel employed and nature and quantity of the finished product;

(c) identification of expected emissions;

(d) estimated annual emission rates;

(e) any control apparatus used; and

(f) typical operating schedule.

(4) An exemption under R307-401-9 does not affect the requirements of R307-401-17, Temporary Relocation.

(5) A stationary source that is not required to obtain a permit under R307-405 for greenhouse gases, as defined in R307-405-3(9)(a), is not required to obtain an approval order for greenhouse gases under R307-401. This exemption does not affect the requirement to obtain an approval order for any other air pollutant emitted by the stationary

source.

R307-401-10. Source Category Exemptions.

The following source categories described in (1) through (4) below are exempted from the requirement to obtain an approval order. The general provisions in R307-401-4 shall apply to these sources.

(1) Fuel-burning equipment in which combustion takes place at no greater pressure than one inch of mercury above ambient pressure with a rated capacity of less than five million BTU per hour using no other fuel than natural gas or LPG or other mixed gas that meets the standards of gas distributed by a utility in accordance with the rules of the Public Service Commission of the State of Utah, unless there are emissions other than combustion products.

(2) Comfort heating equipment such as boilers, water heaters, air heaters and steam generators with a rated capacity of less than one million BTU per hour if fueled only by fuel oil numbers 1 - 6,

(3) Emergency heating equipment, using coal or wood for fuel, with a rated capacity less than 50,000 BTU per hour.

(4) Exhaust systems for controlling steam and heat that do not contain combustion products.

R307-401-11. Replacement-in-Kind Equipment.

(1) Applicability. Existing process equipment or pollution control equipment that is covered by an existing approval order or State Implementation Plan requirement may be replaced using the procedures in (2) below if:

(a) the potential to emit of the process equipment is the same or lower;

(b) the number of emission points or emitting units is the same or lower;

(c) no additional types of air pollutants are emitted as a result of the replacement;

(d) the process equipment or pollution control equipment is identical to or functionally equivalent to the replaced equipment;

(e) the replacement does not change the basic design parameters of the process unit or pollution control equipment;

(f) the replaced process equipment or pollution control equipment is permanently removed from the stationary source, otherwise permanently disabled, or permanently barred from operation;

(g) the replacement process equipment or pollution control equipment does not trigger New Source Performance Standards or National Emissions Standards for Hazardous Air Pollutants under 42 U.S.C. 7411 or 7412; and

(h) the replacement of the control apparatus or process equipment does not violate any other provision of Title R307.

(2) Replacement-in-Kind Procedures.

(a) In lieu of filing a notice of intent under R307-401-5, the owner or operator of a stationary source shall submit a written notification to the director before replacing the equipment. The notification shall contain a description of the replacement-in-kind equipment, including the control capability of any control apparatus and a demonstration that the conditions of (1) above are met.

(b) If the replacement-in-kind meets the conditions of (1) above, the director will update the source's approval order and notify the owner or operator. Public review under R307-401-7 is not required for the update to the approval order.

(3) If the replaced process equipment or pollution control equipment is brought back into operation, it shall constitute a new emissions unit.

R307-401-12. Reduction in Air Pollutants.

(1) Applicability. The owner or operator of a stationary source of air pollutants that reduces or eliminates air pollutants is exempt from the requirement to submit a notice of intent and obtain an approval order prior to construction if:

(a) the project does not increase the potential to emit of any air pollutant or cause emissions of any new air pollutant, and

(b) the director is notified of the change and the reduction of air pollutants is made enforceable through an approval order in accordance with (2) below.

(2) Notification. The owner or operator shall submit a written description of the project to the director no later than 60 days after the changes are made. The director will update the source's approval order or issue a new approval order to include the project and to make the emission reductions enforceable. Public review under R307-401-7 is not required for the update to the approval order.

R307-401-13. Plantwide Applicability Limits.

A plantwide applicability limit under R307-405-21 does not exempt a stationary source from the requirements of R307-401.

R307-401-14. Used Oil Fuel Burned for Energy Recovery.

(1) Definitions.

"Boiler" means boiler as defined in R315-1-1(b).

"Used Oil" is defined as any oil that has been refined from crude oil, used, and, as a result of such use contaminated by physical or chemical impurities.

(2) Boilers burning used oil for energy recovery are exempted from the requirement to obtain an approval order in R307-401-5 through 8 if the following requirements are met:

(a) the heat input design is less than one million BTU/hr;
(b) contamination levels of all used oil to be burned do not exceed any of the following values:
(i) arsenic - 5 ppm by weight,
(ii) cadmium - 2 ppm by weight,
(iii) chromium - 10 ppm by weight,
(iv) lead - 100 ppm by weight,
(v) total halogens - 1,000 ppm by weight,
(vi) Sulfur - 0.50% by weight; and
(c) the flash point of all used oil to be burned is at least 100 degrees Fahrenheit.
(3) Testing. The owner or operator shall test each load of used oil received or generated as directed by the director to ensure it meets these requirements. Testing may be performed by the owner/operator or documented by test reports from the used fuel oil vendor. The flash point shall be measured using the appropriate ASTM method as required by the director. Records for used oil consumption and test reports are to be kept for all periods when fuel-burning equipment is in operation. The records shall be kept on site and made available to the director or the director's representative upon request. Records must be kept for a three-year period.

R307-401-15. Air Strippers and Soil Venting Projects.
(1) The owner or operator of an air stripper or soil venting system that is used to remediate contaminated groundwater or soil is exempt from the notice of intent and approval order requirements of R307-401-5 through 8 if the following conditions are met:
(a) the estimated total air emissions of volatile organic compounds from a given project are less than the de minimis emissions listed in R307-401-9(1)(a), and
(b) the level of any one hazardous air pollutant or any combination of hazardous air pollutants is below the levels listed in R307-410-5(1)(c)(i)(C).
(2) The owner or operator shall submit documentation that the project meets the exemption requirements in R307-401-15(1) to the director prior to beginning the remediation project.
(3) After beginning the soil remediation project, the owner or operator shall submit emissions information to the director to verify that the emission rates of the volatile organic compounds and hazardous air pollutants in R307-401-15(1) are not exceeded.
(a) Emissions estimates of volatile organic compounds shall be based on test data obtained in accordance with the test method in the EPA document SW-846, Test #8260c or 8261a, or the most recent EPA revision of either test method if approved by the director.
(b) Emissions estimates of hazardous air pollutants shall be

based on test data obtained in accordance with the test method in EPA document SW-846, Test #8021B or the most recent EPA revision of the test method if approved by the director.

(c) Results of the test and calculated annual quantity of emissions of volatile organic compounds and hazardous air pollutants shall be submitted to the director within one month of sampling.

(d) The test samples shall be drawn on intervals of no less than twenty-eight days and no more than thirty-one days (i.e., monthly) for the first quarter, quarterly for the first year, and semi-annually thereafter or as determined necessary by the director.

(4) The following control devices do not require a notice of intent or approval order when used in relation to an air stripper or soil venting project exempted under R307-401-15:

(a) thermodestruction unit with a rated input capacity of less than five million BTU per hour using no other auxiliary fuel than natural gas or LPG, or

(b) carbon adsorption unit.

R307-401-16. De minimis Emissions From Soil Aeration Projects.

An owner or operator of a soil remediation project is not subject to the notice of intent and approval order requirements of R307-401-5 through 8 when soil aeration or land farming is used to conduct a soil remediation, if the owner or operator submits the following information to the director prior to beginning the remediation project:

(1) documentation that the estimated total air emissions of volatile organic compounds, using an appropriate sampling method, from the project are less than the de minimis emissions listed in R307-401-9(1)(a);

(2) documentation that the levels of any one hazardous air pollutant or any combination of hazardous air pollutants are less than the levels in R307-410-5(1)(d); and

(3) the location of the remediation and where the remediated material originated.

R307-401-17. Temporary Relocation.

The owner or operator of a stationary source previously approved under R307-401 may temporarily relocate and operate the stationary source at any site for up to 180 working days in any calendar year not to exceed 365 consecutive days, starting from the initial relocation date. The director will evaluate the expected emissions impact at the site and compliance with applicable Title R307 rules as the bases for determining if approval for temporary relocation may be granted. Records of the working days at each site, consecutive days at each site, and actual production rate shall be submitted to the director at the

end of each 180 calendar days. These records shall also be kept on site by the owner or operator for the entire project, and be made available for review to the director as requested. R307-401-7, Public Notice, does not apply to temporary relocations under R307-401-17.

R307-401-18. Eighteen Month Review.

Approval orders issued by the director in accordance with the provisions of R307-401 will be reviewed eighteen months after the date of issuance to determine the status of construction, installation, modification, relocation or establishment. If a continuous program of construction, installation, modification, relocation or establishment is not proceeding, the director may revoke the approval order.

R307-401-19. General Approval Order.

(1) The director may issue a general approval order that would establish conditions for similar new or modified sources of the same type or for specific types of equipment. The general approval order may apply throughout the state or in a specific area.

(a) A major source or major modification as defined in R307-403, R307-405, or R307-420 for each respective area is not eligible for coverage under a general approval order.

(b) A source that is subject to the requirements of R307-403-5 is not eligible for coverage under a general approval order.

(c) A source that is subject to the requirements of R307-410-4 is not eligible for coverage under a general approval order unless a demonstration that meets the requirements of R307-410-4 was conducted.

(d) A source that is subject to the requirements of R307-410-5(1)(c)(ii) is not eligible for coverage under a general approval order unless a demonstration that meets the requirements of R307-410-5(1)(c)(ii) was conducted.

(e) A source that is subject to the requirements of R307-410-5(1)(c)(iii) is not eligible for coverage under a general approval order.

(2) A general approval order shall meet all applicable requirements of R307-401-8.

(3) The public notice requirements in R307-401-7 shall apply to a general approval order except that the director will advertise the notice of intent in a newspaper of statewide circulation.

(4) Application.

(a) After a general approval order has been issued, the owner or operator of a proposed new or modified source may apply to be covered under the conditions of the general approval order.

(b) The owner or operator shall submit the application on forms provided by the director in lieu of the notice of intent requirements

in R307-401-5 for all equipment covered by the general approval order.

(c) The owner or operator may request that an existing, individual approval order for the source be revoked, and that it be covered by the general approval order.

(d) The owner or operator that has applied to be covered by a general approval order shall not initiate construction, modification, or relocation until the application has been approved by the director.

(5) Approval.

(a) The director will review the application and approve or deny the request based on criteria specified in the general approval order for that type of source. If approved, the director will issue an authorization to the applicant to operate under the general approval order.

(b) The public notice requirements in R307-401-7 do not apply to the approval of an application to be covered under the general approval order.

(c) The director will maintain a record of all stationary sources that are covered by a specific general approval order and this record will be available for public review.

(6) Exclusions and Revocation.

(a) The director may require any source that has applied for or is authorized by a general approval order to submit a notice of intent and obtain an individual approval order under R307-401-8. Cases where an individual approval order will be required include, but are not limited to, the following:

(i) the director determines that the source does not meet the criteria specified in the general approval order;

(ii) the director determines that the application for the general approval order did not contain all necessary information to evaluate applicability under the general approval order;

(iii) modifications were made to the source that were not authorized by the general approval order or an individual approval order;

(iv) the director determines the source may cause a violation of a national ambient air quality standard; or

(v) the director determines that one is required based on the compliance history and current compliance status of the source or applicant.

(b)(i) Any source authorized by a general approval order may request to be excluded from the coverage of the general approval order by submitting a notice of intent under R307-401-5 and receiving an individual approval order under R307-401-8.

(ii) When the director issues an individual approval order to a source subject to a general approval order, the applicability of the general approval order to the individual source is revoked on the

effective date of the individual approval order.

(7) Modification of General Approval Order. The director may modify, replace, or discontinue the general approval order.

(a) Administrative corrections may be made to the existing version of the general approval order. These corrections are to correct typographical errors or similar minor administrative changes.

(b) All other modifications or the discontinuation of a general approval order shall not apply to any source authorized under previous versions of the general approval order unless the owner or operator submits an application to be covered under the new version of the general approval order. Modifications under R307-401-19(7)(b) shall meet the public notice requirements in R307-401-19(3).

(c) A general approval order shall be reviewed at least every three year. The review of the general approval order shall follow the public notice requirements of R307-401-19(3).

(8) Modifications at a source covered by a general approval order. A source may make modifications only as authorized by the approved general approval order. Modifications outside the scope authorized by the approved general approval order shall require a new application for either an individual approval order under R307-401-8 or a general approval order under R307-401-19.

KEY: air pollution, permits, approval orders, greenhouse gases
Date of Enactment or Last Substantive Amendment: December 15, 2015
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104(3)(q); 19-2-108

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158719
Utah Admin. Code ref. (R no.): R307-401

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

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Contact person(s):

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(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
Permit: New and Modified Sources.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-108 requires a person to give notice to the director if the person is planning to "construct a new installation which will or might reasonably be expected to increase the amount of or change the character or effect of air pollutants discharged..." Rule R307-401 sets forth the requirements that the owner or operator of a source of air pollution must address in giving notice to the executive secretary under Section 19-2-108. The Board is able to adopt rules that implement Section 19-2-108 because Section 19-2-104 gives the Board the power to control, abate, and prevent air pollution from all sources. A notice requirement and its implementation is a necessary part of controlling, abating, and preventing air pollution. R307-401 is also required by Section II, Review of New and Modified Air Pollution Sources, of the State Implementation Plan (SIP). This SIP is required under Clean Air Act, 42 U.S.C. 7410 and 40 C.F.R. 51.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
No comments have been received about this rule since its last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:

R307-401 is required by Section 19-2-108 and is also required by Section II, Review of New and Modified Air Pollution Sources, of the State Implementation Plan (SIP), which is incorporated by reference under R307-110. This SIP is required under Clean Air Act, 42 U.S.C. 7410 and 40 CFR 51 subpart I. Without the SIP, EPA would be required to impose a federal implementation plan.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, greenhouse gases, approval orders

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-403. Permits: New and Modified Sources in Nonattainment Areas and Maintenance Areas.
R307-403-1. Purpose and Definitions.

(1) Purpose. This rule implements the federal nonattainment area permitting program for major sources as required by 40 CFR 51.165. In addition, the rule contains new source review provisions for some non-major sources in PM10 nonattainment areas. This rule supplements, but does not replace, the permitting requirements of R307-401.

(2) Unless otherwise specified, all references to 40 CFR in R307-403 shall mean the version that is in effect on July 1, 2012.

(3) Except as provided in R307-403-1(4), the definitions in 40 CFR 51.165(a)(1)are hereby incorporated by reference.

(4)(a) "Reviewing authority" means the director.

(b) In the definition of "significant" in 40 CFR 51.165(a)(1)(x) add the following text at the end of the pollutant emission rate for PM2.5: "; and in the Logan, Salt Lake City, and Provo PM2.5 nonattainment areas as defined in the July 1, 2010 version of 40 CFR 81.345, 40 tpy of volatile organic compounds."

(c) In the definition of "regulated NSR pollutant" in 40 CFR 51.165(a)(1)(xxxvii) the following subparagraph is added to 51.165(a)(1)(xxvii)(4): "(i) Volatile organic compounds are precursors to PM2.5 and ammonia is not a precursor to PM2.5 in the Logan, Salt Lake City, and Provo PM2.5 nonattainment areas as defined in the July 1, 2010 version of 40 CFR 81.345."

(d) The following definitions or portions of definitions that apply to the equipment repair and replacement provisions are not incorporated because these provisions were vacated by the DC Circuit Court of Appeals on March 17, 2006:

(i) in the definition of "major modification" in 40 CFR 51.165(a)(1)(v)(C), the second sentence in subparagraph (1);

(ii) the definition of "process unit" in 40 CFR 51.165(a)(1)(xliii);

(iii) the definition of "functionally equivalent component" in 40 CFR 51.165(a)(1)(xliv);

(iv) the definition of "fixed capital cost" in 40 CFR 51.165(a)(1)(xlv); and

(v) the definition of "total capital investment" in 40 CFR 51.165(a)(1)(xlvi).

R307-403-2. Applicability.

(1) R307-403 applies to any new major stationary source or major modification that is major for the pollutant for which the area is designated nonattainment under section 107(d)(1)(A)(i) of the Clean

Air Act, if the stationary source or modification would locate anywhere in the designated nonattainment area.

(a) Except as otherwise provided in paragraph R307-403-2(2), and consistent with the definition of major modification contained in 40 CFR 51.165(a)(1)(v)(A), a project is a major modification for a regulated NSR pollutant if it causes two types of emissions increases-a significant emissions increase (as defined in 40 CFR 51.165(a)(1)(xxvii)), and a significant net emissions increase (as defined in 40 CFR 51.165(a)(1)(vi) and (x)). The project is not a major modification if it does not cause a significant emissions increase. If the project causes a significant emissions increase, then the project is a major modification only if it also results in a significant net emissions increase.

(b) The procedure for calculating (before beginning actual construction) whether a significant emissions increase (i.e., the first step of the process) will occur depends upon the type of emissions units being modified, according to paragraphs R307-403-2(c) through (e). The procedure for calculating (before beginning actual construction) whether a significant net emissions increase will occur at the major stationary source (i.e., the second step of the process) is contained in the definition in 40 CFR 51.165(a)(1)(vi). Regardless of any such preconstruction projections, a major modification results if the project causes a significant emissions increase and a significant net emissions increase.

(c) Actual-to-projected-actual applicability test for projects that only involve existing emissions units. A significant emissions increase of a regulated NSR pollutant is projected to occur if the sum of the difference between the projected actual emissions (as defined in 40 CFR 51.165(a)(1)(xxviii)) and the baseline actual emissions (as defined in 40 CFR 51.165(a)(1)(xxxv)(A) and (B), as applicable), for each existing emissions unit, equals or exceeds the significant amount for that pollutant (as defined in 40 CFR 51.165(a)(1)(x)).

(d) Actual-to-potential test for projects that only involve construction of a new emissions unit(s). A significant emissions increase of a regulated NSR pollutant is projected to occur if the sum of the difference between the potential to emit (as defined in 40 CFR 51.165(a)(1)(iii)) from each new emissions unit following completion of the project and the baseline actual emissions (as defined in 40 CFR 51.165(a)(1)(xxxv)(C)) of these units before the project equals or exceeds the significant amount for that pollutant (as defined in 40 CFR 51.165(a)(1)(x)).

(e) Reserved.

(f) Hybrid test for projects that involve multiple types of emissions units. A significant emissions increase of a regulated NSR pollutant is projected to occur if the sum of the emissions increases

for each emissions unit, using the method specified in R307-403-2(1)(c) through (d) as applicable with respect to each emissions unit, for each type of emissions unit equals or exceeds the significant amount for that pollutant (as defined in 40 CFR 51.165(a)(1)(x)).

(2) For any major stationary source for a PAL for a regulated NSR pollutant, the major stationary source shall comply with requirements under R307-403-11.

(3) Reserved.

(4) Reserved.

(5)(a) Approval to construct shall not relieve any owner or operator of the responsibility to comply fully with applicable provision of the state implementation plan and any other requirements under local, state or federal law.

(b) At such time that a particular source or modification becomes a major stationary source or major modification solely by virtue of a relaxation in any enforcement limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of R307-403 shall apply to the source or modification as though construction had not yet commenced on the source or modification;

(6) The provisions of R307-403-2(6)(a) through (f) apply to projects at existing emissions units at a major stationary source (other than projects at a source with a PAL) in circumstances where there is a reasonable possibility that a project that is not a part of a major modification may result in a significant emissions increase and the owner or operator elects to use the method specified in paragraphs 40 CFR 51.165(a)(1)(xxviii)(B)(1) through (3) for calculating projected actual emissions.

(a) Before beginning actual construction of the project, the owner or operator shall document and maintain a record of the following information:

(i) A description of the project;

(ii) Identification of the emissions unit(s) whose emissions of a regulated NSR pollutant could be affected by the project; and

(iii) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including the baseline actual emissions, the projected actual emissions, the amount of emissions excluded under 40 CFR 51.165(a)(1)(xxviii)(B)(3) and an explanation for why such amount was excluded, and any netting calculations, if applicable.

(b) If the emissions unit is an existing electric utility steam generating unit, before beginning actual construction, the owner or operator shall provide a copy of the information set out in

R307-403-2(6)(a) to the reviewing authority. Nothing in this paragraph shall be construed to require the owner or operator of such a unit to obtain any determination from the reviewing authority before beginning actual construction.

(c) The owner or operator shall monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any emissions units identified in paragraph R307-403-2(6)(a)(ii); and calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of 5 years following resumption of regular operations after the change, or for a period of 10 years following resumption of regular operations after the change if the project increases the design capacity or potential to emit of that regulated NSR pollutant at such emissions unit.

(d) If the unit is an existing electric utility steam generating unit, the owner or operator shall submit a report to the reviewing authority within 60 days after the end of each year during which records must be generated under paragraph R307-403-2(6)(c) setting out the unit's annual emissions during the year that preceded submission of the report.

(e) If the unit is an existing unit other than an electric utility steam generating unit, the owner or operator shall submit a report to the reviewing authority if the annual emissions, in tons per year, from the project identified in paragraph R307-403-2(6)(a), exceed the baseline actual emissions (as documented and maintained pursuant to paragraph R307-403-2(6)(c), by a significant amount (as defined in 40 CFR 51.165(a)(1)(x)) for that regulated NSR pollutant, and if such emissions differ from the preconstruction projection as documented and maintained pursuant to paragraph R307-403-2(6) (c). Such report shall be submitted to the reviewing authority within 60 days after the end of such year. The report shall contain the following:

(i) The name, address and telephone number of the major stationary source;

(ii) The annual emissions as calculated pursuant to paragraph R307-403-2(6)(c); and

(iii) Any other information that the owner or operator wishes to include in the report (e.g., an explanation as to why the emissions differ from the preconstruction projection).

(f) A "reasonable possibility" under (R307-403-2(6) occurs when the owner or operator calculates the project to result in either:

(i) A projected actual emissions increase of at least 50 percent of the amount that is a "significant emissions increase," as defined in 40 CFR 51.165(a)(1)(xxvii)(without reference to the amount that is a significant net emissions increase), for the regulated NSR pollutant; or

(ii) A projected actual emissions increase that, added to the amount of emissions excluded under 40 CFR 51.165(a)(1)(xxviii)(B)(3), sums to at least 50 percent of the amount that is a "significant emissions increase," as defined under paragraph 40 CFR 51.165(a)(1)(xxvii) without reference to the amount that is a significant net emissions increase), for the regulated NSR pollutant. For a project for which a reasonable possibility occurs only within the meaning of this paragraph, and not also within the meaning of paragraph R307-403-2(6)(f)(i), then provisions R307-403-2(6)(b) through (e) do not apply to the project.

(7) The owner or operator of the source shall make the information required to be documented and maintained pursuant to paragraph R307-403-2(6) above available for review upon a request for inspection by the director or the general public pursuant to the requirements contained in 40 CFR 70.4(b)(3)(viii).

(8) The requirements of R307-403 applicable to major stationary sources and major modifications of volatile organic compounds shall apply to nitrogen oxides emissions from major stationary sources and major modifications of nitrogen oxides in an ozone transport region or in any ozone nonattainment area, except in ozone nonattainment areas or in portions of an ozone transport region where the EPA Administrator has granted a nitrogen oxides waiver applying the standards set forth under section 182(f) of the Clean Air Act and the waiver continues to apply.

(9) Reserved.

(10) The requirements of R307-403 applicable to major stationary sources and major modifications of PM_{10} shall also apply to major stationary sources and major modifications of PM_{10} precursors, except where the Administrator determines that such sources do not contribute significantly to PM_{10} levels that exceed the PM_{10} ambient standards in the area.

(11) Reserved.

(12) R307-403 applies to any major source or major modification that is located outside a nonattainment area and is major for the pollutant for which the area is designated nonattainment under section 107(d)(1)(A)(i) of the Clean Air Act and that causes the significant increments in R307-403-3(1) to be exceeded in the nonattainment area.

(13) R307-403-5 applies to any new or modified source in a PM_{10} nonattainment area.

R307-403-3. Review of Major Sources of Air Quality Impact.

Every major new source or major modification must be reviewed by the director to determine if a source will cause or contribute to a violation of the NAAQS. The determination of whether a source will cause or contribute to a violation of the NAAQS will be made by the

director as of the new source's projected start-up date. He will make an analysis of the proposed new source's operation data using the best information and analytical techniques available.

(1) If the owner or operator of a source proposes to locate the source outside an area of nonattainment where the source will not cause an increase greater than the following increments in actual areas of nonattainment or in the Salt Lake City and Ogden maintenance areas for carbon monoxide and the source otherwise meets the requirements of these regulations, such source shall be approved.

TABLE

MAXIMUM ALLOWABLE MICROGRAM/CUBIC METER IMPACT
BY AVERAGING TIME

Pollutant	Annual	24-Hr	8-Hr	3-Hr	1-Hr
SULFUR DIOXIDE	1.0	5		25	
PM10	1.0	3			
CO			500		2000

(2) If the director finds that the emissions from a proposed source would cause a new violation of the NAAQS but would not contribute to an existing violation, the director shall approve the proposed source if and only if:

(a) the new source is required to meet a more stringent emission limitation, sufficient to avoid a new violation of the NAAQS and

(b) the new source has acquired sufficient offset to avoid a new violation of the NAAQS and

(c) the new emission limitations for the proposed source and for any affected existing sources are enforceable.

(3) If the director finds that the emissions from a proposed source in a nonattainment area would contribute to an existing violation of a national ambient air quality standard at the time of the source's proposed start-up date, approval shall be granted if and only if:

(a) the new source meets an emission limitation which is the Lowest Achievable Emission Rate (LAER) for such source and

(b) the applicant has certified that all existing major sources in the State, owned or controlled by the owner or operator (or by any entity controlling, controlled by or under common control with such owner or operator) of the proposed source, are in compliance with all applicable rules in R307, including the Utah Implementation Plan requirements or are in compliance with an approved schedule and timetable for compliance under the Utah Implementation Plan, R307, or an enforcement order, and that the source is complying with all

requirements and limitations as expeditiously as practicable.

(c) emission offsets to the extent provided in R307-403-4, 5 and 6 are sufficient such that there will be reasonable further progress toward attainment of the applicable NAAQS.

(d) the emission offsets provide a positive net air quality benefit in the affected area of nonattainment.

(e) there is an approved implementation plan in effect for the pollutant to be emitted by the proposed source.

(4) A source which is locating outside a nonattainment area or the Salt Lake City and Ogden maintenance areas for carbon monoxide and which causes the significant increments in (1) above to be exceeded in the nonattainment or maintenance area is subject to the requirements of (3) above.

R307-403-4. Offsets: General Requirements.

(1) Emission offsets must be obtained from the same source or other sources in the same nonattainment area except that the owner or operator of a source may obtain emission offsets in another nonattainment area if:

(a) the other area has an equal or higher nonattainment classification than the area in which the source is located; and

(b) emissions from such other area contribute to a violation of the national ambient air quality standard in the nonattainment area in which the source is located or which is impacted by the source.

(2) Any emission offsets shall be enforceable by the time a new or modified source commences construction, and, by the time a new or modified source commences operation, any emission offsets shall be in effect and enforceable and shall assure that the total tonnage of increased emissions of the air pollutant from the new or modified source shall be offset by an equal or greater reduction, as applicable, in the actual emissions of such air pollutant from the same or other sources in the area.

(3) Emission reductions otherwise required by the federal Clean Air Act or R307, including the State Implementation Plan shall not be creditable as emission reductions for purposes of any offset requirement. Incidental emission reductions which are not otherwise required by federal or state law shall be creditable as emission reductions if such emission reductions meet the requirements of (1) and (2) above.

(4) Sources shall be allowed to offset, by alternative or innovative means, emission increases from rocket engine and motor firing, and cleaning related to such firing, at an existing or modified major source that tests rocket engines or motors under the conditions outlined in 42 U.S.C. 7503(e) (Section 173(e)(1) through Section 173(e)(4) of the federal Clean Air Act as amended in 1990).

R307-403-5. Offsets: PM10 Nonattainment Areas.

(1) New sources which have a potential to emit, or modified sources which would produce an emission increase equal to or exceeding the tonnage total of combined PM10, sulfur dioxide, and oxides of nitrogen listed below which are located in or impact a PM10 Nonattainment Area as defined in (a) below, shall obtain an enforceable offset as defined in (b) and (c) below.

(a) For the purpose of determining whether the owner or operator which proposes to locate a source outside a nonattainment area is required to obtain offsets, the maximum allowable impact on any nonattainment area is 1.0 microgram/cubic meter for a one-year averaging period and 3.0 micrograms/cubic meter for a 24-hour averaging period for any combination of PM10, sulfur dioxide and nitrogen dioxide.

(b) For a total of 50 tons/year or greater, an offset of 1.2:1 of the emission increase is required.

(c) For a total of 25 tons/year but less than 50 tons/year, an offset of 1:1 of the emission increase is required.

(2) For the offset determinations, PM10, sulfur dioxide, and oxides of nitrogen shall be considered on an equal basis. In areas where offsets are required for both PM10 and ozone, the most stringent emission offset ratio for oxides of nitrogen required by R307-403 or R307-420 shall apply.

R307-403-6. Offsets: Ozone Nonattainment Areas.

In any ozone nonattainment area, new sources and modifications to existing sources as defined and outlined in 42 U.S.C. 7511a (Section 182 of the Clean Air Act) shall meet the offset requirements and conditions listed in that section for the applicable classified area and for the identified pollutants.

R307-403-7. Offsets: Baseline.

The baseline to be used for determination of credit for emission and air quality offsets will be the emission limitations and/or other requirements in the State Implementation Plan (SIP), revised in accordance with the Clean Air Act or subsequent revisions thereto in effect at the time the application to construct or modify a source is filed.

R307-403-8. Offsets: Banking of Emission Offset Credit.

Banking of emission offset credit will be permitted to the fullest extent allowed by applicable Federal Law as identified in EPA's document "Emissions Trading Policy Statement" published in the Federal Register on December 4, 1986, and 40 CFR 51.165(a)(3)(ii)(c) as amended

on June 28, 1989, and 40 CFR 51, Appendix S. To preserve banked emission reductions, the director must identify them in either the Utah SIP or an order issued pursuant to R307-401 and shall provide a registry to identify the person, private entity or governmental authority that has the right to use or allocate the banked emission reductions, and to record any transfers of, or liens on these rights.

R307-403-9. Construction in Stages.

When a source is constructed or modified in stages which individually do not have the potential to emit more than 100 tons per year, the allowable emission from all such stages shall be added together in determining the applicability of R307-403.

R307-403-10. Analysis of Alternatives.

The owner or operator of a major new source or major modification to be located in a nonattainment area or which would impact a nonattainment area must, in addition to the requirements in R307-403, submit with the notice of intent an adequate analysis of alternative sites, sizes, production processes, and environmental control techniques for such proposed source which demonstrates the benefits of the proposed source significantly outweigh the environmental and social costs imposed as a result of its location, construction, or modification. The director shall review the analysis. The analysis and the director's comments shall be subject to public comment as required by R307-401-7. The preceding shall also apply in Salt Lake and Davis Counties for new major sources or modifications which are considered major for precursors of ozone, including volatile organic compounds and nitrogen oxides.

R307-403-11. Actuals PALS.

The provisions of 40 CFR 51.165(f)(1) through (14) are hereby incorporated by reference.

KEY: air quality, nonattainment, offset
Date of Enactment or Last Substantive Amendment: December 5, 2013
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104; 19-2-108

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158721
Utah Admin. Code ref. (R no.): R307-403

Agency Information

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(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
Permits: New and Modified Sources in Nonattainment Areas and Maintenance Areas.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-104 gives the Board the power to control, abate, and prevent air pollution from all sources. R307-403 is an air pollution permitting program that helps control, abate, and prevent air pollution. R307-403 is also required by Section II, Review of New and Modified Air Pollution Sources, of the State Implementation Plan (SIP). This SIP is required under Clean Air Act, 42 U.S.C. 7410 and 40 C.F.R. 51.165.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
No written comments have been received about this rule since its last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
R307-403 is required by Section 19-2-108 and by Section II, Review of New and Modified Air Pollution Sources, of the State Implementation Plan (SIP), which is incorporated by reference under R307-110. The SIP is required under Clean Air Act, 42 U.S.C. 7410 and 40 CFR 51.165. Without the SIP, EPA would be required to impose a federal implementation plan.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air quality, offset, nonattainment

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-406. Visibility.
R307-406-1. Definitions.

The following additional definition applies throughout R307-406:

"Adverse Impact on Visibility" means for purposes of R307-406, visibility impairment which interferes with the management, protection, preservation, or enjoyment of the visitors visual experience of a mandatory Class I area. This determination must be made on a case-by-case basis taking into account the geographic extent, intensity, duration, frequency and time of visibility impairments, and how these factors correlate with times of visitor use of the mandatory Class I area, and the frequency and timing of natural conditions that reduce visibility.

R307-406-2. Source Review.

(1) The director shall review any new major source or major modification proposed in either an attainment area or area of nonattainment area for the impact of its emissions on visibility in any mandatory Class I area. As a condition of any approval order issued to a source under R307-401, the director shall require the use of air pollution control equipment, technologies, methods or work practices deemed necessary to mitigate visibility impacts in Class I areas that would occur as a result of emissions from such source. The director shall take into consideration as a part of the review and control requirements:

(a) the costs of compliance;
(b) the time necessary for compliance;
(c) the energy usage and conservation;
(d) the non air quality environmental impacts of compliance;
(e) the useful life of the source; and
(f) the degree of visibility improvement which will be provided as a result of control.

(2) In determining visibility impact by a major new source or major modification, the director shall use, the procedures identified in the EPA publication "Workbook For Estimating Visibility Impacts" (EPA 450-4-80-031) November 1980, or equivalent.

(3) The director shall insure that source emissions will be consistent with making reasonable progress toward the national visibility goal referred to in 40 CFR, 51.300(a).

R307-406-3. Notification of Federal Land Managers.

(1) The director shall notify the Federal Land Manager having jurisdiction over any mandatory Class I area of any proposed new major source or major modification that may reasonably be expected to affect visibility in that mandatory Class I area. Such notification shall

be in writing and shall include a copy of all information relevant to the Notice of Intent and visibility impact analysis submitted by the source. The notification shall be made within thirty (30) days of receipt of the completed Notice of Intent and at least sixty (60) days prior to any public hearing or the commencement of any public comment period, held in accordance with R307-401-4 of these regulations, on the proposal. The director shall consider, as a part of the new or modified source review required by R307-406, any analysis performed by the Federal Land Manager that such proposed new major source or major modification may have an adverse impact on visibility in any mandatory Class I area, provided such analysis is submitted to the director within sixty (60) days of the notification to the Federal Land Manager as required by this paragraph. If the director determines that the major source or major modification will have an adverse impact on visibility in any mandatory Class I area, the director shall not issue the approval order. Where the director determines that such analysis does not demonstrate that adverse impact on visibility will result in a mandatory Class I area, the director will, in the notice of any public hearing held on the new major source or major modification proposal, explain the decision or give notice where the explanation can be obtained.

(2) Where the director receives advance notification or early consultation with a major new source or major modification which may affect visibility prior to the submission of a Notice of Intent to Construct for the major new source or major modification, the director will notify the affected Federal Land Manager within thirty (30) days of such advance notification.

R307-406-4. Adverse Impact.

If the analysis required by R307-406-2 predicts that an adverse impact on visibility may reasonably be expected to occur in a mandatory Class I area, the director may require a proposed new major source or major modification to perform pre-construction and/or post-construction visibility monitoring in any mandatory Class I area as deemed necessary and appropriate to assess the impact of the proposed source or modification on visibility. Such monitoring shall be conducted in accordance with a monitoring plan prepared by the owner or operator of the source or his representative and approved by the director.

R307-406-5. Consideration in Review.

The director will consider in review and permitting of a new major source or major modification to an existing source, any visibility monitoring data provided by the Federal Land Manager which may reasonably be expected to be impacted by the proposed new major source

or major modification.

R307-406-6. Audits for Permitting.

The director may perform oversight audits of any network collecting visibility data which may be used as a part of the permitting process as determined necessary.

KEY: air pollution, visibility*, permits
Date of Enactment or Last Substantive Amendment: September 15, 1998
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158722
Utah Admin. Code ref. (R no.): R307-406

Agency Information

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Rule Title

2. Title of rule or section (catchline):
Visibility.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-104 gives the Board the power to control, abate, and prevent air pollution from all sources. R307-406 helps control, abate, and prevent air pollution for the purpose of increasing visibility at Class I areas - Zion, Bryce, Capitol Reef, Arches, and Canyonlands National Parks. Rule R307-406 is also required by Section XVII, Visibility Protection, of the State Implementation Plan. This plan is required under Clean Air Act, 42 U.S.C. 7410 and 40 C.F.R. 51 subpart P.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
No written comments have been received about this rule since its last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
R307-406 is required by Section XVII, Visibility Protection, of the State Implementation Plan (SIP), which is incorporated by reference into the Utah Air Quality Rules under R307-110. The SIP is required under Clean Air Act, 42 U.S.C. 7410 and 40 CFR 51 subpart P. Without the SIP, EPA would be required to impose a federal implementation plan.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, permits, visibility

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-410. Permits: Emissions Impact Analysis.
R307-410-1. Purpose.

This rule establishes the procedures and requirements for evaluating the emissions impact of new or modified sources that require an approval order under R307-401 to ensure that the source will not interfere with the attainment or maintenance of any NAAQS. The rule also establishes the procedures and requirements for evaluating the emissions impact of hazardous air pollutants. The rule also establishes the procedures for establishing an emission rate based on the good engineering practice stack height as required by 40 CFR 51.118.

R307-410-2. Definitions.

(1) The following additional definitions apply to R307-410.

"Vertically Restricted Emissions Release" means the release of an air pollutant through a stack or opening whose flow is directed in a downward or horizontal direction due to the alignment of the opening or a physical obstruction placed beyond the opening, or at a height which is less than 1.3 times the height of an adjacent building or structure, as measured from ground level.

"Vertically Unrestricted Emissions Release" means the release of an air pollutant through a stack or opening whose flow is directed upward without any physical obstruction placed beyond the opening, and at a height which is at least 1.3 times the height of an adjacent building or structure, as measured from ground level.

(2) Except as provided in (3) below, the definitions of "stack", "stack in existence", "dispersion technique", "good engineering practice (GEP) stack height", "nearby", "excessive concentration", and "intermittent control system (ICS)" in 40 CFR 51.100(ff) through (kk) and (nn) are hereby incorporated by reference.

(3)(a) The terms "reviewing authority" and "authority administering the State implementation plan" shall mean the director.

(b) The reference to "40 CFR parts 51 and 52" in 40 CFR 51.100(ii)(2)(i) shall be changed to "R307-401, R307-403 and R307-405".

(c) The phrase "For sources subject to the prevention of significant deterioration program (40 CFR 51.166 and 52.21)" in 40 CFR 51.100(kk)(1) shall be replaced with the phrase "For sources subject to R307-401, R307-403, or R307-405".

R307-410-3. Use of Dispersion Models.

All estimates of ambient concentrations derived in meeting the requirements of R307 shall be based on appropriate air quality models, data bases, and other requirements specified in 40 CFR Part 51,

Appendix W, (Guideline on Air Quality Models), effective July 1, 2005, which is hereby incorporated by reference. Where an air quality model specified in the Guideline on Air Quality Models or other EPA approved guidance documents is inappropriate, the director may authorize the modification of the model or substitution of another model. In meeting the requirements of federal law, any modification or substitution will be made only with the written approval of the Administrator, EPA.

R307-410-4. Modeling of Criteria Pollutant Impacts in Attainment Areas.

Prior to receiving an approval order under R307-401, a new source in an attainment area with a total controlled emission rate per pollutant greater than or equal to amounts specified in Table 1, or a modification to an existing source located in an attainment area which increases the total controlled emission rate per pollutant of the source in an amount greater than or equal to those specified in Table 1, shall conduct air quality modeling, as identified in R307-410-3, to estimate the impact of the new or modified source on air quality unless previously performed air quality modeling for the source indicates that the addition of the proposed emissions increase would not violate a National Ambient Air Quality Standard, as determined by the director.

TABLE 1

POLLUTANT	EMISSIONS
sulfur dioxide	40 tons per year
oxides of nitrogen	40 tons per year
PM10 - fugitive emissions and fugitive dust	5 tons per year
PM10 - non-fugitive emissions or non-fugitive dust	15 tons per year
carbon monoxide	100 tons per year
lead	0.6 tons per year

R307-410-5. Documentation of Ambient Air Impacts for Hazardous Air Pollutants.

(1) Prior to receiving an approval order under R307-401, a source shall provide documentation of increases in emissions of hazardous air pollutants as required under (c) below for all installations not exempt under (a) below.

(a) Exempted Installations.

(i) The requirements of R307-410-5 do not apply to installations which are subject to or are scheduled to be subject to an emission standard promulgated under 42 U.S.C. 7412 at the time a notice of intent

is submitted, except as defined in (ii) below. This exemption does not affect requirements otherwise applicable to the source, including requirements under R307-401.

(ii) The director may, upon making a written determination that the delay in the implementation of an emission standard under R307-214-2, that incorporates 40 CFR Part 63, might reasonably be expected to pose an unacceptable risk to public health, require, on a case-by-case basis, notice of intent documentation of emissions consistent with (c) below.

(A) The director will notify the source in writing of the preliminary decision to require some or all of the documentation as listed in (c) below.

(B) The source may respond in writing within thirty days of receipt of the notice, or such longer period as the director approves.

(C) In making a final determination, the director will document objective bases for the determination, which may include public information and studies, documented public comment, the applicant's written response, the physical and chemical properties of emissions, and ambient monitoring data.

(b) Lead Compounds Exemption. The requirements of R307-410-5 do not apply to emissions of lead compounds. Lead compounds shall be evaluated pursuant to requirements of R307-410-4.

(c) Submittal Requirements.

(i) Each applicant's notice of intent shall include:

(A) the estimated maximum pounds per hour emission rate increase from each affected installation,

(B) the type of release, whether the release flow is vertically restricted or unrestricted, the maximum release duration in minutes per hour, the release height measured from the ground, the height of any adjacent building or structure, the shortest distance between the release point and any area defined as "ambient air" under 40 CFR 50.1(e), effective July 1, 2005, which is hereby incorporated by reference for each installation for which the source proposes an emissions increase,

(C) the emission threshold value, calculated to be the applicable threshold limit value - time weighted average (TLV-TWA) or the threshold limit value - ceiling (TLV-C) multiplied by the appropriate emission threshold factor listed in Table 2, except in the case of arsenic, benzene, beryllium, and ethylene oxide which shall be calculated using chronic emission threshold factors, and formaldehyde, which shall be calculated using an acute emission threshold factor. For acute hazardous air pollutant releases having a duration period less than one hour, this maximum pounds per hour emission rate shall be consistent with an identical operating process having a continuous release for a one-hour period.

TABLE 2
EMISSION THRESHOLD FACTORS FOR HAZARDOUS AIR POLLUTANTS
(cubic meter pounds per milligram hour)

VERTICALLY-RESTRICTED AND FUGITIVE EMISSION RELEASE POINTS

DISTANCE TO PROPERTY BOUNDARY	ACUTE	CHRONIC	CARCINOGENIC
20 Meters or less	0.038	0.051	0.017
21 - 50 Meters	0.051	0.066	0.022
51 - 100 Meters	0.092	0.123	0.041
Beyond 100 Meters	0.180	0.269	0.090

VERTICALLY-UNRESTRICTED EMISSION RELEASE POINTS

DISTANCE TO PROPERTY BOUNDARY	ACUTE	CHRONIC	CARCINOGENIC
50 Meters or less	0.154	0.198	0.066
51 - 100 Meters	0.224	0.244	0.081
Beyond 100 Meters	0.310	0.368	0.123

(ii) A source with a proposed maximum pounds per hour emissions increase equal to or greater than the emissions threshold value shall include documentation of a comparison of the estimated ambient concentration of the proposed emissions with the applicable toxic screening level specified in (d) below.

(iii) A source with an estimated ambient concentration equal to or greater than the toxic screening level shall provide additional documentation regarding the impact of the proposed emissions. The director may require such documentation to include, but not be limited to:

(A) a description of symptoms and adverse health effects that can be caused by the hazardous air pollutant,

(B) the exposure conditions or dose that is sufficient to cause the adverse health effects,

(C) a description of the human population or other biological species which could be exposed to the estimated concentration,

(D) an evaluation of land use for the impacted areas,

(E) the environmental fate and persistency.

(d) Toxic Screening Levels and Averaging Periods.

(i) The toxic screening level for an acute hazardous air pollutant is 1/10th the value of the TLV-C, and the applicable averaging period shall be:

(A) one hour for emissions releases having a duration period of

one hour or greater,

(B) one hour for emission releases having a duration period less than one hour if the emission rate used in the model is consistent with an identical operating process having a continuous release for a one-hour period or more, or

(C) the dispersion model's shortest averaging period when using an applicable model capable of estimating ambient concentrations for periods of less than one hour.

(ii) The toxic screening level for a chronic hazardous air pollutant is 1/30th the value of the TLV- TWA, and the applicable averaging period shall be 24 hours.

(iii) The toxic screening level for all carcinogenic hazardous air pollutants is 1/90 the value of the TLV-TWA, and the applicable averaging period shall be 24 hours, except in the case of formaldehyde which shall be evaluated consistent with (d)(i) above and arsenic, benzene, beryllium, and ethylene oxide which shall be evaluated consistent with (d)(ii) above.

R307-410-6. Stack Heights and Dispersion Techniques.

(1) The degree of emission limitation required of any source for control of any air pollutant to include determinations made under R307-401, R307-403 and R307-405, must not be affected by so much of any source's stack height that exceeds good engineering practice or by any other dispersion technique except as provided in (2) below. This does not restrict, in any manner, the actual stack height of any source.

(2) The provisions in R307-410-6 shall not apply to:

(a) stack heights in existence, or dispersion techniques implemented on or before December 31, 1970, except where pollutants are being emitted from such stacks or using such dispersion techniques by sources which were constructed or reconstructed, or for which major modifications were carried out after December 31, 1970; or

(b) coal-fired steam electric generating units subject to the provisions of Section 118 of the Clean Air Act, which commenced operation before July 1, 1957, and whose stacks were constructed under a construction contract awarded before February 8, 1974.

(3) The director may require the source owner or operator to provide a demonstration that the source stack height meets good engineering practice as required by R307-410-6. The director shall notify the public of the availability of the demonstration as part of the public notice process required by R307-401-7, Pubic Notice.

KEY: air pollution, modeling, hazardous air pollutant, stack height
Date of Enactment or Last Substantive Amendment: December 15, 2015
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158723
Utah Admin. Code ref. (R no.): R307-410

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Rule Title

2. Title of rule or section (catchline):
Permits: Emissions Impact Analysis.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-104 allows the Air Quality Board to promulgate rules that control, abate, and prevent air pollution from all sources. R307-410 prevents air pollution by requiring an emissions impact analysis from sources to determine what amount of pollution will contribute to a violation of federal air quality standards. R307-410 is also required by Section II, Review of New and Modified Air Pollution Sources and Section XVIII, Demonstration of GEP Stack Height, of the State Implementation Plan (SIP). The SIP is required under Clean Air Act, 42 U.S.C. 7410 and 40 CFR 51 subpart I, and 40 CFR 51.118.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
No written comments have been received about this rule since its last review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
R307-410 is required by Section XVIII, Demonstration of GEP Stack Height, of the Utah State Implementation Plan (SIP), which is incorporated by reference under R307-110. The SIP is required under Clean Air Act, 42 U.S.C. 7410 and 40 CFR 51 subpart I, and 40 CFR 51.118. Without the SIP, EPA would be required to impose a federal implementation plan.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, hazardous air pollutant, stack height, modeling

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-414. Permits: Fees for Approval Orders.
R307-414-1. Applicability and Definitions.

The owner and operator of each new major source or major modification is required to pay a fee to the Department sufficient to cover the reasonable costs of reviewing and acting upon the notice of intent required pursuant to R307-401 for each new major source or major modification and implementing and enforcing requirements placed on such source by any approval order issued pursuant to such notice (not including any court costs associated with any enforcement action).

R307-414-2. Bills for Service.

(1) The director will provide the owner or operator of each new major source or major modification with an itemized bill for services upon issuance of an approval order. Such a bill for services shall represent the actual costs to the Department for reviewing and acting upon the notice of intent and shall be due and payable upon receipt.

(2) The director shall provide the owner or operator of each new major source or major modification with an itemized bill for services upon completion of an initial compliance inspection and/or source testing and/or any enforcement action brought about by the issuance of an approval order. Such bill shall represent the actual costs to the Department for the inspection, testing and/or enforcement action and shall be due and payable upon receipt.

KEY: air pollution, fee
Date of Enactment or Last Substantive Amendment: December 7, 2000
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158724
Utah Admin. Code ref. (R no.): R307-414

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Rule Title

2. Title of rule or section (catchline):
Permits: Fees for Approval Orders.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-104 allows the Utah Air Quality Board to promulgate rules that control, abate, and prevent air pollution from all sources. R307-414 does this by setting up the procedures, including the payment of fees, for administering an air quality permitting program designed to control, abate, and prevent air pollution.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
No written comments have been received about this rule since its last review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
The fees required in R307-414, which are approved annually by the Legislature, comprise a substantial portion of the budget of the Division of Air Quality. Without these fees, the Division would not be able to review and enforce the air quality permitting program.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, fee

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-415. Permits: Operating Permit Requirements.
R307-415-1. Purpose.

Title V of the Clean Air Act (the Act) requires states to develop and implement a comprehensive air quality permitting program. Title V of the Act does not impose new substantive requirements. Title V does require that sources subject to R307-415 pay a fee and obtain a renewable operating permit that clarifies, in a single document, which requirements apply to a source and assures the source's compliance with those requirements. The purpose of R307-415 is to establish the procedures and elements of such a program.

R307-415-2. Authority.

(1) R307-415 is required by Title V of the Act and 40 Code of Federal Regulations (CFR) Part 70, and is adopted under the authority of Section 19-2-104.

(2) All references to 40 CFR in R307-415, except when otherwise specified, are effective as of the date referenced in R307-101-3.

R307-415-3. Definitions.

(1) The definitions contained in R307-101-2 apply throughout R307-415, except as specifically provided in (2).

(2) The following additional definitions apply to R307-415.

"Act" means the Clean Air Act, as amended, 42 U.S.C. 7401, et seq.

"Administrator" means the Administrator of EPA or his or her designee.

"Affected States" are all states:

(a) Whose air quality may be affected and that are contiguous to Utah; or

(b) That are within 50 miles of the permitted source.

"Applicable requirement" means all of the following as they apply to emissions units in a Part 70 source, including requirements that have been promulgated or approved by the Board or by the EPA through rulemaking at the time of permit issuance but have future-effective compliance dates:

(a) Any standard or other requirement provided for in the State Implementation Plan;

(b) Any term or condition of any approval order issued under R307-401;

(c) Any standard or other requirement under Section 111 of the Act, Standards of Performance for New Stationary Sources, including Section 111(d);

(d) Any standard or other requirement under Section 112 of the Act, Hazardous Air Pollutants, including any requirement concerning accident prevention under Section 112(r)(7) of the Act;

(e) Any standard or other requirement of the Acid Rain Program under Title IV of the Act or the regulations promulgated thereunder;

(f) Any requirements established pursuant to Section 504(b) of

the Act, Monitoring and Analysis, or Section 114(a)(3) of the Act, Enhanced Monitoring and Compliance Certification;

(g) Any standard or other requirement governing solid waste incineration, under Section 129 of the Act;

(h) Any standard or other requirement for consumer and commercial products, under Section 183(e) of the Act;

(i) Any standard or other requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the Act, unless the Administrator has determined that such requirements need not be contained in an operating permit;

(j) Any national ambient air quality standard or increment or visibility requirement under part C of Title I of the Act, but only as it would apply to temporary sources permitted pursuant to Section 504(e) of the Act;

(k) Any standard or other requirement under rules adopted by the Board.

"Area source" means any stationary source that is not a major source.

"Designated representative" shall have the meaning given to it in Section 402 of the Act and in 40 CFR Section 72.2, and applies only to Title IV affected sources.

"Draft permit" means the version of a permit for which the director offers public participation under R307-415-7i or affected State review under R307-415-8(2).

"Emissions allowable under the permit" means a federally-enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit, including a work practice standard, or a federally-enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

"Emissions unit" means any part or activity of a stationary source that emits or has the potential to emit any regulated air pollutant or any hazardous air pollutant. This term is not meant to alter or affect the definition of the term "unit" for purposes of Title IV of the Act, Acid Deposition Control.

"Final permit" means the version of an operating permit issued by the director that has completed all review procedures required by R307-415-7a through 7i and R307-415-8.

"General permit" means an operating permit that meets the requirements of R307-415-6d.

"Hazardous Air Pollutant" means any pollutant listed by the Administrator as a hazardous air pollutant under Section 112(b) of the Act.

"Major source" means any stationary source (or any group of stationary sources that are located on one or more contiguous or adjacent properties, and are under common control of the same person (or persons under common control)) belonging to a single major

industrial grouping and that are described in paragraphs (a), (b), or (c) of this definition. For the purposes of defining "major source," a stationary source or group of stationary sources shall be considered part of a single industrial grouping if all of the pollutant emitting activities at such source or group of sources on contiguous or adjacent properties belong to the same Major Group (all have the same two-digit code) as described in the Standard Industrial Classification Manual, 1987. Emissions resulting directly from an internal combustion engine for transportation purposes or from a non-road vehicle shall not be considered in determining whether a stationary source is a major source under this definition.

(a) A major source under Section 112 of the Act, Hazardous Air Pollutants, which is defined as: for pollutants other than radionuclides, any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit, in the aggregate, ten tons per year or more of any hazardous air pollutant or 25 tons per year or more of any combination of such hazardous air pollutants. Notwithstanding the preceding sentence, emissions from any oil or gas exploration or production well, with its associated equipment, and emissions from any pipeline compressor or pump station shall not be aggregated with emissions from other similar units, whether or not such units are in a contiguous area or under common control, to determine whether such units or stations are major sources.

(b) A major stationary source of air pollutants, as defined in Section 302 of the Act, that directly emits or has the potential to emit, 100 tons per year or more of any air pollutant including any major source of fugitive emissions or fugitive dust of any such pollutant as determined by rule by the Administrator. The fugitive emissions or fugitive dust of a stationary source shall not be considered in determining whether it is a major stationary source for the purposes of Section 302(j) of the Act, unless the source belongs to any one of the following categories of stationary source:

(i) Coal cleaning plants with thermal dryers;

(ii) Kraft pulp mills;

(iii) Portland cement plants;

(iv) Primary zinc smelters;

(v) Iron and steel mills;

(vi) Primary aluminum ore reduction plants;

(vii) Primary copper smelters;

(viii) Municipal incinerators capable of charging more than 250 tons of refuse per day;

(ix) Hydrofluoric, sulfuric, or nitric acid plants;

(x) Petroleum refineries;

(xi) Lime plants;

(xii) Phosphate rock processing plants;

(xiii) Coke oven batteries;

(xiv) Sulfur recovery plants;

(xv) Carbon black plants, furnace process;
(xvi) Primary lead smelters;
(xvii) Fuel conversion plants;
(xviii) Sintering plants;
(xix) Secondary metal production plants;
(xx) Chemical process plants;
(xxi) Fossil-fuel boilers, or combination thereof, totaling more than 250 million British thermal units per hour heat input;
(xxii) Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
(xxiii) Taconite ore processing plants;
(xxiv) Glass fiber processing plants;
(xxv) Charcoal production plants;
(xxvi) Fossil-fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input;
(xxvii) Any other stationary source category, which as of August 7, 1980 is being regulated under Section 111 or Section 112 of the Act.

(c) A major stationary source as defined in part D of Title I of the Act, Plan Requirements for Nonattainment Areas, including:

(i) For ozone nonattainment areas, sources with the potential to emit 100 tons per year or more of volatile organic compounds or oxides of nitrogen in areas classified as "marginal" or "moderate," 50 tons per year or more in areas classified as "serious," 25 tons per year or more in areas classified as "severe," and 10 tons per year or more in areas classified as "extreme"; except that the references in this paragraph to 100, 50, 25, and 10 tons per year of nitrogen oxides shall not apply with respect to any source for which the Administrator has made a finding, under Section 182(f)(1) or (2) of the Act, that requirements under Section 182(f) of the Act do not apply;

(ii) For ozone transport regions established pursuant to Section 184 of the Act, sources with the potential to emit 50 tons per year or more of volatile organic compounds;

(iii) For carbon monoxide nonattainment areas that are classified as "serious" and in which stationary sources contribute significantly to carbon monoxide levels as determined under rules issued by the Administrator, sources with the potential to emit 50 tons per year or more of carbon monoxide;

(iv) For PM-10 particulate matter nonattainment areas classified as "serious," sources with the potential to emit 70 tons per year or more of PM-10 particulate matter.

"Non-Road Vehicle" means a vehicle that is powered by an internal combustion engine (including the fuel system), that is not a self-propelled vehicle designed for transporting persons or property on a street or highway or a vehicle used solely for competition, and is not subject to standards promulgated under Section 111 of the Act (New Source Performance Standards) or Section 202 of the Act (Motor Vehicle Emission Standards).

"Operating permit" or "permit," unless the context suggests

otherwise, means any permit or group of permits covering a Part 70 source that is issued, renewed, amended, or revised pursuant to these rules.

"Part 70 Source" means any source subject to the permitting requirements of R307-415, as provided in R307-415-4.

"Permit modification" means a revision to an operating permit that meets the requirements of R307-415-7f.

"Permit revision" means any permit modification or administrative permit amendment.

"Permit shield" means the permit shield as described in R307-415-6f.

"Proposed permit" means the version of a permit that the director proposes to issue and forwards to EPA for review in compliance with R307-415-8.

"Renewal" means the process by which a permit is reissued at the end of its term.

"Responsible official" means one of the following:

(a) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

(i) the operating facilities employ more than 250 persons or have gross annual sales or expenditures exceeding $25 million in second quarter 1980 dollars; or

(ii) the delegation of authority to such representative is approved in advance by the director;

(b) For a partnership or sole proprietorship: a general partner or the proprietor, respectively;

(c) For a municipality, State, Federal, or other public agency: either a principal executive officer or ranking elected official. For the purposes of R307-415, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency;

(d) For Title IV affected sources:

(i) The designated representative in so far as actions, standards, requirements, or prohibitions under Title IV of the Act, Acid Deposition Control, or the regulations promulgated thereunder are concerned;

(ii) The responsible official as defined above for any other purposes under R307-415.

"Stationary source" means any building, structure, facility, or installation that emits or may emit any regulated air pollutant or any hazardous air pollutant.

"Title IV Affected source" means a source that contains one or more affected units as defined in Section 402 of the Act and in 40 CFR,

Part 72.

R307-415-4. Applicability.

(1) Part 70 sources. All of the following sources are subject to the permitting requirements of R307-415, and unless exempted under (2) below are required to submit an application for an operating permit:

(a) Any major source;

(b) Any source, including an area source, subject to a standard, limitation, or other requirement under Section 111 of the Act, Standards of Performance for New Stationary Sources;

(c) Any source, including an area source, subject to a standard or other requirement under Section 112 of the Act, Hazardous Air Pollutants, except that a source is not required to obtain a permit solely because it is subject to regulations or requirements under Section 112(r) of the Act, Prevention of Accidental Releases;

(d) Any Title IV affected source.

(2) Exemptions.

(a) All source categories that would be required to obtain an operating permit solely because they are subject to 40 CFR Part 60, Subpart AAA - Standards of Performance for New Residential Wood Heaters, are exempted from the requirement to obtain a permit.

(b) All source categories that would be required to obtain an operating permit solely because they are subject to 40 CFR Part 61, Subpart M - National Emission Standard for Hazardous Air Pollutants for Asbestos, Section 61.145, Standard for Demolition and Renovation, are exempted from the requirement to obtain a permit. For Part 70 sources, demolition and renovation activities within the source under 40 CFR 61.145 shall be treated as a separate source for the purpose of R307-415.

(c) An area source subject to a regulation under Section 111 or 112 of the Act (42 U.S.C. 7411 or 7412) promulgated after July 21, 1992 is exempt from the obligation to obtain a Part 70 permit if:

(i) the regulation specifically exempts the area source category from the obligation to obtain a Part 70 permit, and

(ii) the source is not required to obtain a permit under R307-415-4(1) for a reason other than its status as an area source under the Section 111 or 112 regulation containing the exemption.

(3) Emissions units and Part 70 sources.

(a) For major sources, the director shall include in the permit all applicable requirements for all relevant emissions units in the major source.

(b) For any area source subject to the operating permit program under R307-415-4(1), the director shall include in the permit all applicable requirements applicable to emissions units that cause the source to be subject to the operating permit program.

(4) Fugitive emissions. Fugitive emissions and fugitive dust from a Part 70 source shall be included in the permit application and

the operating permit in the same manner as stack emissions, regardless of whether the source category in question is included in the list of source categories contained in the definition of major source.

(5) Control requirements. R307-415 does not establish any new control requirements beyond those established by applicable requirements, but may establish new monitoring, recordkeeping, and reporting requirements.

(6) Synthetic minors. An existing source that wishes to avoid designation as a major Part 70 source under R307-415, must obtain federally-enforceable conditions which reduce the potential to emit, as defined in R307-101-2, to less than the level established for a major Part 70 source. Such federally-enforceable conditions may be obtained by applying for and receiving an approval order under R307-401. The approval order shall contain periodic monitoring, recordkeeping, and reporting requirements sufficient to verify continuing compliance with the conditions which would reduce the source's potential to emit.

R307-415-5a. Permit Applications: Duty to Apply.

For each Part 70 source, the owner or operator shall submit a timely and complete permit application. A pre-application conference may be held at the request of a Part 70 source or the director to assist a source in submitting a complete application.

(1) Timely application.

(a) Except as provided in the transition plan under (3) below, a timely application for a source applying for an operating permit for the first time is one that is submitted within 12 months after the source becomes subject to the permit program.

(b) Except as provided in the transition plan under (3) below, any Part 70 source required to meet the requirements under Section 112(g) of the Act, Hazardous Air Pollutant Modifications, or required to receive an approval order to construct a new source or modify an existing source under R307-401, shall file a complete application to obtain an operating permit or permit revision within 12 months after commencing operation of the newly constructed or modified source. Where an existing operating permit would prohibit such construction or change in operation, the source must obtain a permit revision before commencing operation.

(c) For purposes of permit renewal, a timely application is one that is submitted by the renewal date established in the permit. The director shall establish a renewal date for each permit that is at least six months and not greater than 18 months prior to the date of permit expiration. A source may submit a permit application early for any reason, including timing of other application requirements.

(2) Complete application.

(a) To be deemed complete, an application must provide all information sufficient to evaluate the subject source and its application and to determine all applicable requirements pursuant to

R307-415-5c. Applications for permit revision need supply such information only if it is related to the proposed change. A responsible official shall certify the submitted information consistent with R307-415-5d.

(b) Unless the director notifies the source in writing within 60 days of receipt of the application that an application is not complete, such application shall be deemed to be complete. A completeness determination shall not be required for minor permit modifications. If, while processing an application that has been determined or deemed to be complete, the director determines that additional information is necessary to evaluate or take final action on that application, the director may request such information in writing and set a reasonable deadline for a response. The source's ability to operate without a permit, as set forth in R307-415-7b(2), shall be in effect from the date the application is determined or deemed to be complete until the final permit is issued, provided that the applicant submits any requested additional information by the deadline specified in writing by the director.

(3) Transition Plan. A timely application under the transition plan is an application that is submitted according to the following schedule:

(a) All Title IV affected sources shall submit an operating permit application as well as an acid rain permit application in accordance with the date required by 40 CFR Part 72 effective April 11, 1995, Subpart C-Acid Rain Permit Applications;

(b) All major Part 70 sources operating as of July 10, 1995, except those described in (a) above, and all solid waste incineration units operating as of July 10, 1995, that are required to obtain an operating permit pursuant to 42 U.S.C. Sec. 7429(e) shall submit a permit application by October 10, 1995.

(c) Area sources.

(i) Except as provided in (c)(ii) and (c)(iii) below, each Part 70 source that is not a major source, a Title IV affected source, or a solid waste incineration unit required to obtain a permit pursuant to section 129(e) (42 U.S.C. 7429), is deferred from the obligation to submit an application until 12 months after the Administrator completes a rulemaking to determine how the program should be structured for area sources and the appropriateness of any permanent exemptions in addition to those provided in R307-415-4(2).

(ii) General Permits.

(A) The director shall develop general permits and application forms for area source categories.

(B) After a general permit has been issued for a source category, the director shall establish a due date for permit applications from all area sources in that source category.

(C) The director shall provide at least six months notice that the application is due for a source category.

(iii) Regulation-specific Requirements.

(A) If a regulation promulgated under Section 111 or 112 (42 U.S.C. 7411 or 7412) requires an area source category to submit an application for a Part 70 permit, each area source covered by the requirement must submit an application in accordance with the regulation.

(d) Extensions. The owner or operator of any Part 70 source may petition the director for an extension of the application due date for good cause. The due date for major Part 70 sources shall not be extended beyond July 10, 1996. The due date for an area source shall not be extended beyond twelve months after the due date in (c)(i) above.

(e) Application shield. If a source submits a timely and complete application under this transition plan, the application shield under R307-415-7b(2) shall apply to the source. If a source submits a timely application and is making sufficient progress toward correcting an application determined to be incomplete, the director may extend the application shield under R307-415-7b(2) to the source when the application is determined complete. The application shield shall not be extended to any major source that has not submitted a complete application by July 10, 1996, or to any area source that has not submitted a complete application within twelve months after the due date in (c)(i) above.

(4) Confidential information. Claims of confidentiality on information submitted to EPA may be made pursuant to applicable federal requirements. Claims of confidentiality on information submitted to the Department shall be made and governed according to Section 19-1-306. In the case where a source has submitted information to the Department under a claim of confidentiality that also must be submitted to the EPA, the director shall either submit the information to the EPA under Section 19-1-306, or require the source to submit a copy of such information directly to EPA.

(5) Late applications. An application submitted after the deadlines established in R307-415-5a shall be accepted for processing, but shall not be considered a timely application. Submitting an application shall not relieve a source of any enforcement actions resulting from submitting a late application.

R307-415-5b. Permit Applications: Duty to Supplement or Correct Application.

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a draft permit.

R307-415-5c. Permit Applications: Standard Requirements.

Information as described below for each emissions unit at a Part

70 source shall be included in the application except for insignificant activities and emissions levels under R307-415-5e. The operating permit application shall include the elements specified below:

(1) Identifying information, including company name, company address, plant name and address if different from the company name and address, owner's name and agent, and telephone number and names of plant site manager or contact.

(2) A description of the source's processes and products by Standard Industrial Classification Code, including any associated with each alternate scenario identified by the source.

(3) The following emissions-related information:

(a) A permit application shall describe the potential to emit of all air pollutants for which the source is major, and the potential to emit of all regulated air pollutants and hazardous air pollutants from any emissions unit, except for insignificant activities and emissions under R307-415-5e. For emissions of hazardous air pollutants under 1,000 pounds per year, the following ranges may be used in the application: 1-10 pounds per year, 11-499 pounds per year, 500-999 pounds per year. The mid-point of the range shall be used to calculate the emission fee under R307-415-9 for hazardous air pollutants reported as a range.

(b) Identification and description of all points of emissions described in (a) above in sufficient detail to establish the basis for fees and applicability of applicable requirements.

(c) Emissions rates in tons per year and in such terms as are necessary to establish compliance with applicable requirements consistent with the applicable standard reference test method.

(d) The following information to the extent it is needed to determine or regulate emissions: fuels, fuel use, raw materials, production rates, and operating schedules.

(e) Identification and description of air pollution control equipment and compliance monitoring devices or activities.

(f) Limitations on source operation affecting emissions or any work practice standards, where applicable, for all regulated air pollutants and hazardous air pollutants at the Part 70 source.

(g) Other information required by any applicable requirement, including information related to stack height limitations developed pursuant to Section 123 of the Act.

(h) Calculations on which the information in items (a) through (g) above is based.

(4) The following air pollution control requirements:

(a) Citation and description of all applicable requirements, and

(b) Description of or reference to any applicable test method for determining compliance with each applicable requirement.

(5) Other specific information that may be necessary to implement and enforce applicable requirements or to determine the applicability of such requirements.

(6) An explanation of any proposed exemptions from otherwise applicable requirements.

(7) Additional information as determined to be necessary by the director to define alternative operating scenarios identified by the source pursuant to R307-415-6a(9) or to define permit terms and conditions implementing emission trading under R307-415-7d(1)(c) or R307-415-6a(10).

(8) A compliance plan for all Part 70 sources that contains all of the following:

(a) A description of the compliance status of the source with respect to all applicable requirements.

(b) A description as follows:

(i) For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with such requirements.

(ii) For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis.

(iii) For requirements for which the source is not in compliance at the time of permit issuance, a narrative description of how the source will achieve compliance with such requirements.

(c) A compliance schedule as follows:

(i) For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with such requirements.

(ii) For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis. A statement that the source will meet in a timely manner applicable requirements that become effective during the permit term shall satisfy this provision, unless a more detailed schedule is expressly required by the applicable requirement.

(iii) A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. Such a schedule shall include a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirements for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.

(d) A schedule for submission of certified progress reports every six months, or more frequently if specified by the underlying applicable requirement or by the director, for sources required to have a schedule of compliance to remedy a violation.

(e) The compliance plan content requirements specified in this paragraph shall apply and be included in the acid rain portion of a

compliance plan for a Title IV affected source, except as specifically superseded by regulations promulgated under Title IV of the Act, Acid Deposition Control, with regard to the schedule and methods the source will use to achieve compliance with the acid rain emissions limitations.

(9) Requirements for compliance certification, including all of the following:

(a) A certification of compliance with all applicable requirements by a responsible official consistent with R307-415-5d and Section 114(a)(3) of the Act, Enhanced Monitoring and Compliance Certification.

(b) A statement of methods used for determining compliance, including a description of monitoring, recordkeeping, and reporting requirements and test method.

(c) A schedule for submission of compliance certifications during the permit term, to be submitted annually, or more frequently if specified by the underlying applicable requirement or by the director.

(d) A statement indicating the source's compliance status with any applicable enhanced monitoring and compliance certification requirements of the Act.

(10) Nationally-standardized forms for acid rain portions of permit applications and compliance plans, as required by regulations promulgated under Title IV of the Act, Acid Deposition Control.

R307-415-5d. Permit Applications: Certification.

Any application form, report, or compliance certification submitted pursuant to R307-415 shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under R307-415 shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

R307-415-5e. Permit Applications: Insignificant Activities and Emissions.

An application may not omit information needed to determine the applicability of, or to impose, any applicable requirement, or to evaluate the fee amount required under R307-415-9. The following lists apply only to operating permit applications and do not affect the applicability of R307-415 to a source, do not affect the requirement that a source receive an approval order under R307-401, and do not relieve a source of the responsibility to comply with any applicable requirement.

(1) The following insignificant activities and emission levels are not required to be included in the permit application.

(a) Exhaust systems for controlling steam and heat that do not contain combustion products, except for systems that are subject to

an emission standard under any applicable requirement.

(b) Air pollutants that are present in process water or non-contact cooling water as drawn from the environment or from municipal sources, or air pollutants that are present in compressed air or in ambient air, which may contain air pollution, used for combustion.

(c) Air conditioning or ventilating systems not designed to remove air pollutants generated by or released from other processes or equipment.

(d) Disturbance of surface areas for purposes of land development, not including mining operations or the disturbance of contaminated soil.

(e) Brazing, soldering, or welding operations.

(f) Aerosol can usage.

(g) Road and parking lot paving operations, not including asphalt, sand and gravel, and cement batch plants.

(h) Fire training activities that are not conducted at permanent fire training facilities.

(i) Landscaping, janitorial, and site housekeeping activities, including fugitive emissions from landscaping activities.

(j) Architectural painting.

(k) Office emissions, including cleaning, copying, and restrooms.

(l) Wet wash aggregate operations that are solely dedicated to this process.

(m) Air pollutants that are emitted from personal use by employees or other persons at the source, such as foods, drugs, or cosmetics.

(n) Air pollutants that are emitted by a laboratory at a facility under the supervision of a technically qualified individual as defined in 40 CFR 720.3(ee); however, this exclusion does not apply to specialty chemical production, pilot plant scale operations, or activities conducted outside the laboratory.

(o) Maintenance on petroleum liquid handling equipment such as pumps, valves, flanges, and similar pipeline devices and appurtenances when purged and isolated from normal operations.

(p) Portable steam cleaning equipment.

(q) Vents on sanitary sewer lines.

(r) Vents on tanks containing no volatile air pollutants, e.g., any petroleum liquid, not containing Hazardous Air Pollutants, with a Reid Vapor Pressure less than 0.05 psia.

(2) The following insignificant activities are exempted because of size or production rate and a list of such insignificant activities must be included in the application. The director may require information to verify that the activity is insignificant.

(a) Emergency heating equipment, using coal, wood, kerosene, fuel oil, natural gas, or LPG for fuel, with a rated capacity less than 50,000 BTU per hour.

(b) Individual emissions units having the potential to emit less than one ton per year per pollutant of PM10 particulate matter, nitrogen oxides, sulfur dioxide, volatile organic compounds, or carbon monoxide, unless combined emissions from similar small emission units located within the same Part 70 source are greater than five tons per year of any one pollutant. This does not include emissions units that emit air pollutants other than PM10 particulate matter, nitrogen oxides, sulfur dioxide, volatile organic compounds, or carbon monoxide.

(c) Petroleum industry flares, not associated with refineries, combusting natural gas containing no hydrogen sulfide except in amounts less than 500 parts per million by weight, and having the potential to emit less than five tons per year per air pollutant.

(d) Road sweeping.

(e) Road salting and sanding.

(f) Unpaved public and private roads, except unpaved haul roads located within the boundaries of a stationary source. A haul road means any road normally used to transport people, livestock, product or material by any type of vehicle.

(g) Non-commercial automotive (car and truck) service stations dispensing less than 6,750 gal. of gasoline/month

(h) Hazardous Air Pollutants present at less than 1% concentration, or 0.1% for a carcinogen, in a mixture used at a rate of less than 50 tons per year, provided that a National Emission Standards for Hazardous Air Pollutants standard does not specify otherwise.

(i) Fuel-burning equipment, in which combustion takes place at no greater pressure than one inch of mercury above ambient pressure, with a rated capacity of less than five million BTU per hour using no other fuel than natural gas, or LPG or other mixed gas distributed by a public utility.

(j) Comfort heating equipment (i.e., boilers, water heaters, air heaters and steam generators) with a rated capacity of less than one million BTU per hour if fueled only by fuel oil numbers 1 - 6.

(3) Any person may petition the Board to add an activity or emission to the list of Insignificant Activities and Emissions which may be excluded from an operating permit application under (1) or (2) above upon a change in the rule and approval of the rule change by EPA. The petition shall include the following information:

(a) A complete description of the activity or emission to be added to the list.

(b) A complete description of all air pollutants that may be emitted by the activity or emission, including emission rate, air pollution control equipment, and calculations used to determine emissions.

(c) An explanation of why the activity or emission should be exempted from the application requirements for an operating permit.

(4) The director may determine on a case-by-case basis,

insignificant activities and emissions for an individual Part 70 source that may be excluded from an application or that must be listed in the application, but do not require a detailed description. No activity with the potential to emit greater than two tons per year of any criteria pollutant, five tons of a combination of criteria pollutants, 500 pounds of any hazardous air pollutant or one ton of a combination of hazardous air pollutants shall be eligible to be determined an insignificant activity or emission under this subsection (4).

R307-415-6a. Permit Content: Standard Requirements.

Each permit issued under R307-415 shall include the following elements:

(1) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of permit issuance;

(a) The permit shall specify and reference the origin of and authority for each term or condition, and identify any difference in form as compared to the applicable requirement upon which the term or condition is based.

(b) The permit shall state that, where an applicable requirement is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, Acid Deposition Control, both provisions shall be incorporated into the permit.

(c) If the State Implementation Plan allows a determination of an alternative emission limit at a Part 70 source, equivalent to that contained in the State Implementation Plan, to be made in the permit issuance, renewal, or significant modification process, and the director elects to use such process, any permit containing such equivalency determination shall contain provisions to ensure that any resulting emissions limit has been demonstrated to be quantifiable, accountable, enforceable, and based on replicable procedures.

(2) Permit duration. Except as provided by Section 19-2-109.1(3), the director shall issue permits for a fixed term of five years.

(3) Monitoring and related recordkeeping and reporting requirements.

(a) Each permit shall contain the following requirements with respect to monitoring:

(i) All monitoring and analysis procedures or test methods required under applicable monitoring and testing requirements, including 40 CFR Part 64 and any other procedures and methods that may be promulgated pursuant to sections 114(a)(3) or 504(b) of the Act. If more than one monitoring or testing requirement applies, the permit may specify a streamlined set of monitoring or testing provisions provided the specified monitoring or testing is adequate to assure compliance at least to the same extent as the monitoring or testing applicable requirements that are not included in the permit as a result

of such streamlining;

(ii) Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring, which may consist of recordkeeping designed to serve as monitoring, periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit, as reported pursuant to (3)(c) below. Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement. Recordkeeping provisions may be sufficient to meet the requirements of this paragraph;

(iii) As necessary, requirements concerning the use, maintenance, and, where appropriate, installation of monitoring equipment or methods.

(b) With respect to recordkeeping, the permit shall incorporate all applicable recordkeeping requirements and require, where applicable, the following:

(i) Records of required monitoring information that include the following:

(A) The date, place as defined in the permit, and time of sampling or measurements;

(B) The dates analyses were performed;

(C) The company or entity that performed the analyses;

(D) The analytical techniques or methods used;

(E) The results of such analyses;

(F) The operating conditions as existing at the time of sampling or measurement;

(ii) Retention of records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

(c) With respect to reporting, the permit shall incorporate all applicable reporting requirements and require all of the following:

(i) Submittal of reports of any required monitoring every six months, or more frequently if specified by the underlying applicable requirement or by the director. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent with R307-415-5d.

(ii) Prompt reporting of deviations from permit requirements including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. The director shall define "prompt" in relation to the degree and type of deviation likely to occur and the applicable requirements. Deviations from permit requirements due to unavoidable breakdowns shall be reported according to the

unavoidable breakdown provisions of R307-107. The director may establish more stringent reporting deadlines if required by the applicable requirement.

(d) Claims of confidentiality shall be governed by Section 19-1-306.

(4) Acid Rain Allowances. For Title IV affected sources, a permit condition prohibiting emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder.

(a) No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Acid Rain Program, provided that such increases do not require a permit revision under any other applicable requirement.

(b) No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement.

(c) Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.

(5) A severability clause to ensure the continued validity of the various permit requirements in the event of a challenge to any portions of the permit.

(6) Standard provisions stating the following:

(a) The permittee must comply with all conditions of the operating permit. Any permit noncompliance constitutes a violation of the Air Conservation Act and is grounds for any of the following: enforcement action; permit termination; revocation and reissuance; modification; denial of a permit renewal application.

(b) Need to halt or reduce activity not a defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(c) The permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition, except as provided under R307-415-7f(1) for minor permit modifications.

(d) The permit does not convey any property rights of any sort, or any exclusive privilege.

(e) The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the director copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality.

(7) Emission fee. A provision to ensure that a Part 70 source pays fees to the director consistent with R307-415-9.

(8) Emissions trading. A provision stating that no permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in the permit.

(9) Alternate operating scenarios. Terms and conditions for reasonably anticipated operating scenarios identified by the source in its application as approved by the director. Such terms and conditions:

(a) Shall require the source, contemporaneously with making a change from one operating scenario to another, to record in a log at the permitted facility a record of the scenario under which it is operating;

(b) Shall extend the permit shield to all terms and conditions under each such operating scenario; and

(c) Must ensure that the terms and conditions of each such alternative scenario meet all applicable requirements and the requirements of R307-415.

(10) Emissions trading. Terms and conditions, if the permit applicant requests them, for the trading of emissions increases and decreases in the permitted facility, to the extent that the applicable requirements provide for trading such increases and decreases without a case-by-case approval of each emissions trade. Such terms and conditions:

(a) Shall include all terms required under R307-415-6a and 6c to determine compliance;

(b) Shall extend the permit shield to all terms and conditions that allow such increases and decreases in emissions; and

(c) Must meet all applicable requirements and requirements of R307-415.

R307-415-6b. Permit Content: Federally-Enforceable Requirements.

(1) All terms and conditions in an operating permit, including any provisions designed to limit a source's potential to emit, are enforceable by EPA and citizens under the Act.

(2) Notwithstanding (1) above, applicable requirements that are not required by the Act or implementing federal regulations shall be included in the permit but shall be specifically designated as being not federally enforceable under the Act and shall be designated as "state requirements." Terms and conditions so designated are not subject to the requirements of R307-415-7a through 7i and R307-415-8 that apply to permit review by EPA and affected states. The director shall determine which conditions are "state requirements" in each operating permit.

R307-415-6c. Permit Content: Compliance Requirements.

All operating permits shall contain all of the following elements

with respect to compliance:

(1) Consistent with R307-415-6a(3), compliance certification, testing, monitoring, reporting, and recordkeeping requirements sufficient to assure compliance with the terms and conditions of the permit. Any document, including any report, required by an operating permit shall contain a certification by a responsible official that meets the requirements of R307-415-5d;

(2) Inspection and entry requirements that require that, upon presentation of credentials and other documents as may be required by law, the permittee shall allow the director or an authorized representative to perform any of the following:

(a) Enter upon the permittee's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(c) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;

(d) Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements;

(e) Claims of confidentiality on the information obtained during an inspection shall be made pursuant to Section 19-1-306;

(3) A schedule of compliance consistent with R307-415-5c(8);

(4) Progress reports consistent with an applicable schedule of compliance and R307-415-5c(8) to be submitted semiannually, or at a more frequent period if specified in the applicable requirement or by the director. Such progress reports shall contain all of the following:

(a) Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved;

(b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted;

(5) Requirements for compliance certification with terms and conditions contained in the permit, including emission limitations, standards, or work practices. Permits shall include all of the following:

(a) Annual submission of compliance certification, or more frequently if specified in the applicable requirement or by the director;

(b) In accordance with R307-415-6a(3), a means for monitoring the compliance of the source with its emissions limitations, standards, and work practices;

(c) A requirement that the compliance certification include all of the following (provided that the identification of applicable

information may reference the permit or previous reports, as applicable):

(i) The identification of each term or condition of the permit that is the basis of the certification;

(ii) The identification of the methods or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period. Such methods and other means shall include, at a minimum, the methods and means required under R307-415-6a(3). If necessary, the owner or operator also shall identify any other material information that must be included in the certification to comply with section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information;

(iii) The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in (ii) above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred; and

(iv) Such other facts as the director may require to determine the compliance status of the source;

(d) A requirement that all compliance certifications be submitted to the EPA as well as to the director;

(e) Such additional requirements as may be specified pursuant to Section 114(a)(3) of the Act, Enhanced Monitoring and Compliance Certification, and Section 504(b) of the Act, Monitoring and Analysis;

(6) Such other provisions as the director may require.

R307-415-6d. Permit Content: General Permits.

(1) The director may, after notice and opportunity for public participation provided under R307-415-7i, issue a general permit covering numerous similar sources. Any general permit shall comply with all requirements applicable to other operating permits and shall identify criteria by which sources may qualify for the general permit. To sources that qualify, the director shall grant the conditions and terms of the general permit. Notwithstanding the permit shield, the source shall be subject to enforcement action for operation without an operating permit if the source is later determined not to qualify for the conditions and terms of the general permit. General permits shall not be issued for Title IV affected sources under the Acid Rain Program unless otherwise provided in regulations promulgated under Title IV of the Act.

(2) Part 70 sources that would qualify for a general permit must apply to the director for coverage under the terms of the general permit or must apply for an operating permit consistent with R307-415-5a

through 5e. The director may, in the general permit, provide for applications which deviate from the requirements of R307-415-5a through 5e, provided that such applications meet the requirements of Title V of the Act, and include all information necessary to determine qualification for, and to assure compliance with, the general permit. Without repeating the public participation procedures required under R307-415-7i, the director may grant a source's request for authorization to operate under a general permit, but such a grant to a qualified source shall not be a final permit action until the requirements of R307-415-5a through 5e have been met.

R307-415-6e. Permit Content: Temporary Sources.

The owner or operator of a permitted source may temporarily relocate the source for a period not to exceed that allowed by R307-401-7. A permit modification is required to relocate the source for a period longer than that allowed by R307-401-7. No Title IV affected source may be permitted as a temporary source. Permits for temporary sources shall include all of the following:

(1) Conditions that will assure compliance with all applicable requirements at all authorized locations;

(2) Requirements that the owner or operator receive approval to relocate under R307-401-7 before operating at the new location;

(3) Conditions that assure compliance with all other provisions of R307-415.

R307-415-6f. Permit Content: Permit Shield.

(1) Except as provided in R307-415, the director shall include in each operating permit a permit shield provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

(a) Such applicable requirements are included and are specifically identified in the permit; or

(b) The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.

(2) An operating permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.

(3) Nothing in this paragraph or in any operating permit shall alter or affect any of the following:

(a) The emergency provisions of Section 19-1-202 and Section 19-2-112, and the provisions of Section 303 of the Act, Emergency Orders, including the authority of the Administrator under that Section;

(b) The liability of an owner or operator of a source for any violation of applicable requirements under Section 19-2-107(2)(g) and Section 19-2-110 prior to or at the time of permit issuance;

(c) The applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Act;

(d) The ability of the director to obtain information from a source under Section 19-2-120, and the ability of EPA to obtain information from a source under Section 114 of the Act, Inspection, Monitoring, and Entry.

R307-415-6g. Permit Content: Emergency Provision.

(1) Emergency. An "emergency" is any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

(2) Effect of an emergency. An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions of (3) below are met.

(3) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(a) An emergency occurred and that the permittee can identify the causes of the emergency;

(b) The permitted facility was at the time being properly operated;

(c) During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(d) The permittee submitted notice of the emergency to the director within two working days of the time when emission limitations were exceeded due to the emergency. This notice fulfills the requirement of R307-415-6a(3)(c)(ii). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(4) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

(5) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

R307-415-7a. Permit Issuance: Action on Application.

(1) A permit, permit modification, or renewal may be issued only if all of the following conditions have been met:

(a) The director has received a complete application for a permit, permit modification, or permit renewal, except that a complete application need not be received before issuance of a general permit;

(b) Except for modifications qualifying for minor permit modification procedures under R307-415-7f(1)and (2), the director has complied with the requirements for public participation under R307-415-7i;

(c) The director has complied with the requirements for notifying and responding to affected States under R307-415-8(2);

(d) The conditions of the permit provide for compliance with all applicable requirements and the requirements of R307-415;

(e) EPA has received a copy of the proposed permit and any notices required under R307-415-8(1) and (2), and has not objected to issuance of the permit under R307-415-8(3) within the time period specified therein.

(2) Except as provided under the initial transition plan provided for under R307-415-5a(3) or under regulations promulgated under Title IV of the Act for the permitting of Title IV affected sources under the Acid Rain Program, the director shall take final action on each permit application, including a request for permit modification or renewal, within 18 months after receiving a complete application.

(3) The director shall promptly provide notice to the applicant of whether the application is complete. Unless the director requests additional information or otherwise notifies the applicant of incompleteness within 60 days of receipt of an application, the application shall be deemed complete. A completeness determination shall not be required for minor permit modifications.

(4) The director shall provide a statement that sets forth the legal and factual basis for the draft permit conditions, including references to the applicable statutory or regulatory provisions. The director shall send this statement to EPA and to any other person who requests it.

(5) The submittal of a complete application shall not affect the requirement that any source have an approval order under R307-401.

R307-415-7b. Permit Issuance: Requirement for a Permit.

(1) Except as provided in R307-415-7d and R307-415-7f(1)(f)and 7f(2)(e), no Part 70 source may operate after the time that it is required to submit a timely and complete application, except in compliance with a permit issued under these rules.

(2) Application shield. If a Part 70 source submits a timely and complete application for permit issuance, including for renewal, the source's failure to have an operating permit is not a violation of R307-415 until the director takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination made pursuant to R307-415-7a(3), and as required by R307-415-5a(2), the applicant fails to submit by the deadline specified in writing by the director any additional information identified as being needed to process the application.

R307-415-7c. Permit Renewal and Expiration.

(1) Permits being renewed are subject to the same procedural requirements, including those for public participation, affected State and EPA review, that apply to initial permit issuance.

(2) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with R307-415-7b and R307-415-5a(1)(c).

(3) If a timely and complete renewal application is submitted consistent with R307-415-7b and R307-415-5a(1)(c)and the director fails to issue or deny the renewal permit before the end of the term of the previous permit, then all of the terms and conditions of the permit, including the permit shield, shall remain in effect until renewal or denial.

R307-415-7d. Permit Revision: Changes That Do Not Require a Revision.

(1) Operational Flexibility.

(a) A Part 70 source may make changes that contravene an express permit term if all of the following conditions have been met:

(i) The source has obtained an approval order, or has met the exemption requirements under R307-401;

(ii) The change would not violate any applicable requirements or contravene any federally enforceable permit terms and conditions for monitoring, including test methods, recordkeeping, reporting, or compliance certification requirements;

(iii) The changes are not modifications under any provision of Title I of the Act; and the changes do not exceed the emissions allowable under the permit, whether expressed therein as a rate of emissions or in terms of total emissions.

(iv) For each such change, the source shall provide written notice to the director and send a copy of the notice to EPA at least seven days before implementing the proposed change. The seven-day requirement may be waived by the director in the case of an emergency. The written notification shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change. The permit shield shall not apply to these changes. The source, the EPA, and the director shall attach each such notice to their copy of the relevant permit.

(b) Emission trading under the State Implementation Plan. Permitted sources may trade increases and decreases in emissions in the permitted facility, where the State Implementation Plan provides for such emissions trades, without requiring a permit revision provided the change is not a modification under any provision of Title I of the Act, the change does not exceed the emissions allowable under the permit, and the source notifies the director and the EPA at least seven days in advance of the trade. This provision is available in those cases where the permit does not already provide for such

emissions trading.

(i) The written notification required above shall include such information as may be required by the provision in the State Implementation Plan authorizing the emissions trade, including at a minimum, when the proposed change will occur, a description of each such change, any change in emissions, the permit requirements with which the source will comply using the emissions trading provisions of the State Implementation Plan, and the pollutants emitted subject to the emissions trade. The notice shall also refer to the provisions with which the source will comply in the State Implementation Plan and that provide for the emissions trade.

(ii) The permit shield shall not extend to any change made under this paragraph. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the State Implementation Plan authorizing the emissions trade.

(c) If a permit applicant requests it, the director shall issue permits that contain terms and conditions, including all terms required under R307-415-6a and 6c to determine compliance, allowing for the trading of emissions increases and decreases in the permitted facility solely for the purpose of complying with a federally-enforceable emissions cap that is established in the permit independent of otherwise applicable requirements. Such changes in emissions shall not be allowed if the change is a modification under any provision of Title I of the Act or the change would exceed the emissions allowable under the permit. The permit applicant shall include in its application proposed replicable procedures and permit terms that ensure the emissions trades are quantifiable and enforceable. The director shall not include in the emissions trading provisions any emissions units for which emissions are not quantifiable or for which there are no replicable procedures to enforce the emissions trades. The permit shall also require compliance with all applicable requirements, and shall require the source to notify the director and the EPA in writing at least seven days before making the emission trade.

(i) The written notification shall state when the change will occur and shall describe the changes in emissions that will result and how these increases and decreases in emissions will comply with the terms and conditions of the permit.

(ii) The permit shield shall extend to terms and conditions that allow such increases and decreases in emissions.

(2) Off-permit changes. A Part 70 source may make changes that are not addressed or prohibited by the permit without a permit revision, unless such changes are subject to any requirements under Title IV of the Act or are modifications under any provision of Title I of the Act.

(a) Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition.

(b) Sources must provide contemporaneous written notice to the director and EPA of each such change, except for changes that qualify as insignificant under R307-415-5e. Such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted, and any applicable requirements that would apply as a result of the change.

(c) The change shall not qualify for the permit shield.

(d) The permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

(e) The off-permit provisions do not affect the requirement for a source to obtain an approval order under R307-401.

R307-415-7e. Permit Revision: Administrative Amendments.

(1) An "administrative permit amendment" is a permit revision that:

(a) Corrects typographical errors;

(b) Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;

(c) Requires more frequent monitoring or reporting by the permittee;

(d) Allows for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the director;

(e) Incorporates into the operating permit the requirements from an approval order issued under R307-401, provided that the procedures for issuing the approval order were substantially equivalent to the permit issuance or modification procedures of R307-415-7a through 7i and R307-415-8, and compliance requirements are substantially equivalent to those contained in R307-415-6a through 6g;

(2) Administrative permit amendments for purposes of the acid rain portion of the permit shall be governed by regulations promulgated under Title IV of the Act.

(3) Administrative permit amendment procedures. An administrative permit amendment may be made by the director consistent with the following:

(a) The director shall take no more than 60 days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected States provided that the director designates any such permit revisions as having been made pursuant to this paragraph. The director shall take final action on a request for a change in ownership or operational control of a source

under (1)(d) above within 30 days of receipt of a request.

(b) The director shall submit a copy of the revised permit to EPA.

(c) The source may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request.

(4) The director shall, upon taking final action granting a request for an administrative permit amendment, allow coverage by the permit shield for administrative permit amendments made pursuant to (1)(e) above which meet the relevant requirements of R307-415-6a through 6g, 7 and 8 for significant permit modifications.

R307-415-7f. Permit Revision: Modification.

The permit modification procedures described in R307-415-7f shall not affect the requirement that a source obtain an approval order under R307-401 before constructing or modifying a source of air pollution. A modification not subject to the requirements of R307-401 shall not require an approval order in addition to the permit modification as described in this section. A permit modification is any revision to an operating permit that cannot be accomplished under the program's provisions for administrative permit amendments under R307-415-7e. Any permit modification for purposes of the acid rain portion of the permit shall be governed by regulations promulgated under Title IV of the Act.

(1) Minor permit modification procedures.

(a) Criteria. Minor permit modification procedures may be used only for those permit modifications that:

(i) Do not violate any applicable requirement or require an approval order under R307-401;

(ii) Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;

(iii) Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;

(iv) Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such term or condition would include a federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I or an alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the Act, Early Reduction; and

(v) Are not modifications under any provision of Title I of the Act.

(b) Notwithstanding (1)(a)above and (2)(a) below, minor permit modification procedures may be used for permit modifications involving

the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in the State Implementation Plan or an applicable requirement.

(c) Application. An application requesting the use of minor permit modification procedures shall meet the requirements of R307-415-5c and shall include all of the following:

(i) A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;

(ii) The source's suggested draft permit;

(iii) Certification by a responsible official, consistent with R307-415-5d, that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used;

(iv) Completed forms for the director to use to notify EPA and affected States as required under R307-415-8.

(d) EPA and affected State notification. Within five working days of receipt of a complete permit modification application, the director shall notify EPA and affected States of the requested permit modification. The director promptly shall send any notice required under R307-415-8(2)(b) to EPA.

(e) Timetable for issuance. The director may not issue a final permit modification until after EPA's 45-day review period or until EPA has notified the director that EPA will not object to issuance of the permit modification, whichever is first. Within 90 days of the director's receipt of an application under minor permit modification procedures or 15 days after the end of EPA's 45-day review period under R307-415-8(3), whichever is later, the director shall:

(i) Issue the permit modification as proposed;

(ii) Deny the permit modification application;

(iii) Determine that the requested modification does not meet the minor permit modification criteria and should be reviewed under the significant modification procedures; or

(iv) Revise the draft permit modification and transmit to EPA the new proposed permit modification as required by R307-415-8(1).

(f) Source's ability to make change. A Part 70 source may make the change proposed in its minor permit modification application immediately after it files such application if the source has received an approval order under R307-401 or has met the approval order exemption requirements under R307-413-1 through 6. After the source makes the change allowed by the preceding sentence, and until the director takes any of the actions specified in (1)(e)(i) through (iii) above, the source must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, the source need not comply with the existing permit terms and conditions it seeks to modify. However, if the source fails to comply with its proposed permit terms and conditions during

this time period, the existing permit terms and conditions it seeks to modify may be enforced against it.

(g) Permit shield. The permit shield under R307-415-6f shall not extend to minor permit modifications.

(2) Group processing of minor permit modifications. Consistent with this paragraph, the director may modify the procedure outlined in (1) above to process groups of a source's applications for certain modifications eligible for minor permit modification processing.

(a) Criteria. Group processing of modifications may be used only for those permit modifications:

(i) That meet the criteria for minor permit modification procedures under (1)(a) above; and

(ii) That collectively are below the following threshold level: 10 percent of the emissions allowed by the permit for the emissions unit for which the change is requested, 20 percent of the applicable definition of major source in R307-415-3, or five tons per year, whichever is least.

(b) Application. An application requesting the use of group processing procedures shall meet the requirements of R307-415-5c and shall include the following:

(i) A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs.

(ii) The source's suggested draft permit.

(iii) Certification by a responsible official, consistent with R307-415-5d, that the proposed modification meets the criteria for use of group processing procedures and a request that such procedures be used.

(iv) A list of the source's other pending applications awaiting group processing, and a determination of whether the requested modification, aggregated with these other applications, equals or exceeds the threshold set under R307-415-7e(2)(a)(ii).

(v) Certification, consistent with R307-415-5d, that the source has notified EPA of the proposed modification. Such notification need only contain a brief description of the requested modification.

(vi) Completed forms for the director to use to notify EPA and affected States as required under R307-415-8.

(c) EPA and affected State notification. On a quarterly basis or within five business days of receipt of an application demonstrating that the aggregate of a source's pending applications equals or exceeds the threshold level set under (2)(a)(ii) above, whichever is earlier, the director shall notify EPA and affected States of the requested permit modifications. The director shall send any notice required under R307-415-8(2)(b)to EPA.

(d) Timetable for issuance. The provisions of (1)(e) above shall apply to modifications eligible for group processing, except that the director shall take one of the actions specified in (1)(e)(i)

through (iv) above within 180 days of receipt of the application or 15 days after the end of EPA's 45-day review period under R307-415-8(3), whichever is later.

(e) Source's ability to make change. The provisions of (1)(f) above shall apply to modifications eligible for group processing.

(f) Permit shield. The provisions of (1)(g) above shall also apply to modifications eligible for group processing.

(3) Significant modification procedures.

(a) Criteria. Significant modification procedures shall be used for applications requesting permit modifications that do not qualify as minor permit modifications or as administrative amendments. Every significant change in existing monitoring permit terms or conditions and every relaxation of reporting or recordkeeping permit terms or conditions shall be considered significant. Nothing herein shall be construed to preclude the permittee from making changes consistent with R307-415 that would render existing permit compliance terms and conditions irrelevant.

(b) Significant permit modifications shall meet all requirements of R307-415, including those for applications, public participation, review by affected States, and review by EPA, as they apply to permit issuance and permit renewal. The director shall complete review on the majority of significant permit modifications within nine months after receipt of a complete application.

R307-415-7g. Permit Revision: Reopening for Cause.

(1) Each issued permit shall include provisions specifying the conditions under which the permit will be reopened prior to the expiration of the permit. A permit shall be reopened and revised under any of the following circumstances:

(a) New applicable requirements become applicable to a major Part 70 source with a remaining permit term of three or more years. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the terms and conditions of the permit have been extended pursuant to R307-415-7c(3).

(b) Additional requirements, including excess emissions requirements, become applicable to an Title IV affected source under the Acid Rain Program. Upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit.

(c) The director or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

(d) EPA or the director determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(e) Additional applicable requirements are to become effective before the renewal date of the permit and are in conflict with existing permit conditions.

(2) Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

(3) Reopenings under (1) above shall not be initiated before a notice of such intent is provided to the Part 70 source by the director at least 30 days in advance of the date that the permit is to be reopened, except that the director may provide a shorter time period in the case of an emergency.

R307-415-7h. Permit Revision: Reopenings for Cause by EPA.

The director shall, within 90 days after receipt of notification that EPA finds that cause exists to terminate, modify or revoke and reissue a permit, forward to EPA a proposed determination of termination, modification, or revocation and reissuance, as appropriate. The director may request a 90-day extension if a new or revised permit application is necessary or if the director determines that the permittee must submit additional information.

R307-415-7i. Public Participation.

The director shall provide for public notice, comment and an opportunity for a hearing on initial permit issuance, significant modifications, reopenings for cause, and renewals, including the following procedures:

(1) Notice shall be given: by publication in a newspaper of general circulation in the area where the source is located; to persons on a mailing list developed by the director, including those who request in writing to be on the list; and by other means if necessary to assure adequate notice to the affected public.

(2) The notice shall identify the Part 70 source; the name and address of the permittee; the name and address of the director; the activity or activities involved in the permit action; the emissions change involved in any permit modification; the name, address, and telephone number of a person from whom interested persons may obtain additional information, including copies of the permit draft, the application, all relevant supporting materials, including any compliance plan or compliance and monitoring certification, and all other materials available to the director that are relevant to the permit decision; a brief description of the comment procedures; and the time and place of any hearing that may be held, including a statement of procedures to request a hearing, unless a hearing has already been scheduled.

(3) The director shall provide such notice and opportunity for participation by affected States as is provided for by R307-415-8.

(4) Timing. The director shall provide at least 30 days for

public comment and shall give notice of any public hearing at least 30 days in advance of the hearing.

(5) The director shall keep a record of the commenters and also of the issues raised during the public participation process, and such records shall be available to the public and to EPA.

R307-415-8. Permit Review by EPA and Affected States.

(1) Transmission of information to EPA.

(a) The director shall provide to EPA a copy of each permit application, including any application for permit modification, each proposed permit, and each final operating permit, unless the Administrator has waived this requirement for a category of sources, including any class, type, or size within such category. The applicant may be required by the director to provide a copy of the permit application, including the compliance plan, directly to EPA. Upon agreement with EPA, the director may submit to EPA a permit application summary form and any relevant portion of the permit application and compliance plan, in place of the complete permit application and compliance plan. To the extent practicable, the preceding information shall be provided in computer-readable format compatible with EPA's national database management system.

(b) The director shall keep for five years such records and submit to EPA such information as EPA may reasonably require to ascertain whether the Operating Permit Program complies with the requirements of the Act or of 40 CFR Part 70.

(2) Review by affected States.

(a) The director shall give notice of each draft permit to any affected State on or before the time that the director provides this notice to the public under R307-415-7i, except to the extent R307-415-7f(1) or (2) requires the timing to be different, unless the Administrator has waived this requirement for a category of sources, including any class, type, or size within such category.

(b) The director, as part of the submittal of the proposed permit to EPA, or as soon as possible after the submittal for minor permit modification procedures allowed under R307-415-7f(1) or (2), shall notify EPA and any affected State in writing of any refusal by the director to accept all recommendations for the proposed permit that the affected State submitted during the public or affected State review period. The notice shall include the director's reasons for not accepting any such recommendation. The director is not required to accept recommendations that are not based on applicable requirements or the requirements of R307-415.

(3) EPA objection. If EPA objects to the issuance of a permit in writing within 45 days of receipt of the proposed permit and all necessary supporting information, then the director shall not issue the permit. If the director fails, within 90 days after the date of an objection by EPA, to revise and submit a proposed permit in response to the objection, EPA may issue or deny the permit in accordance with

the requirements of the Federal program promulgated under Title V of the Act.

(4) Public petitions to EPA. If EPA does not object in writing under R307-415-8(3), any person may petition EPA under the provisions of 40 CFR 70.8(d) within 60 days after the expiration of EPA's 45-day review period to make such objection. If EPA objects to the permit as a result of a petition, the director shall not issue the permit until EPA's objection has been resolved, except that a petition for review does not stay the effectiveness of a permit or its requirements if the permit was issued after the end of the 45-day review period and prior to an EPA objection. If the director has issued a permit prior to receipt of an EPA objection under this paragraph, EPA may modify, terminate, or revoke such permit, consistent with the procedures in 40 CFR 70.7(g) except in unusual circumstances, and the director may thereafter issue only a revised permit that satisfies EPA's objection. In any case, the source will not be in violation of the requirement to have submitted a timely and complete application.

(5) Prohibition on default issuance. The director shall not issue an operating permit, including a permit renewal or modification, until affected States and EPA have had an opportunity to review the proposed permit as required under this Section.

R307-415-9. Fees for Operating Permits.

(1) Definitions. The following definition applies only to R307-415-9: "Allowable emissions" are emissions based on the potential to emit stated by the director in an approval order, the State Implementation Plan or an operating permit.

(2) Applicability. As authorized by Section 19-2-109.1, all Part 70 sources must pay an annual fee, based on annual emissions of all chargeable pollutants.

(a) Any Title IV affected source that has been designated as a "Phase I Unit" in a substitution plan approved by the Administrator under 40 CFR Section 72.41 shall be exempted from the requirement to pay an emission fee from January 1, 1995 to December 31, 1999.

(3) Calculation of Annual Emission Fee for a Part 70 Source.

(a) The emission fee shall be calculated for all chargeable pollutants emitted from a Part 70 source, even if only one unit or one chargeable pollutant triggers the applicability of R307-415 to the source.

(i) Fugitive emissions and fugitive dust shall be counted when determining the emission fee for a Part 70 source.

(ii) An emission fee shall not be charged for emissions of any amount of a chargeable pollutant if the emissions are already accounted for within the emissions of another chargeable pollutant.

(iii) An emission fee shall not be charged for emissions of any one chargeable pollutant from any one Part 70 source in excess of 4,000 tons per year.

(iv) Emissions resulting directly from an internal combustion

engine for transportation purposes or from a non-road vehicle shall not be counted when calculating chargeable emissions for a Part 70 source.

(b) The emission fee for an existing source prior to the issuance of an operating permit, shall be based on the most recent emission inventory available unless a Part 70 source elected, prior to July 1, 1992, to base the fee for one or more pollutants on allowable emissions established in an approval order or the State Implementation Plan.

(c) The emission fee after the issuance or renewal of an operating permit shall be based on the most recent emission inventory available unless a Part 70 source elects, prior to the issuance or renewal of the permit, to base the fee for one or more chargeable pollutants on allowable emissions for the entire term of the permit.

(d) When a new Part 70 source begins operating, it shall pay an emission fee for that fiscal year, prorated from the date the source begins operating. The emission fee for a new Part 70 source shall be based on allowable emissions until that source has been in operation for a full calendar year, and has submitted an inventory of actual emissions. If a new Part 70 source is not billed in the first billing cycle of its operation, the emission fee shall be calculated using the emissions that would have been used had the source been billed at that time. This fee shall be in addition to any subsequent emission fees.

(e) When a Part 70 source is no longer subject to Part 70, the emission fee shall be prorated to the date that the source ceased to be subject to Part 70. If the Part 70 source has already paid an emission fee that is greater than the prorated fee, the balance will be refunded.

(i) If that Part 70 source again becomes subject to the emission fee requirements, it shall pay an emission fee for that fiscal year prorated from the date the source again became subject to the emission fee requirements. The fee shall be based on the emission inventory during the last full year of operation. The emission fee shall continue to be based on actual emissions reported for the last full calendar year of operation until that source has been in operation for a full calendar year and has submitted an updated inventory of actual emissions.

(ii) If a Part 70 source has chosen to base the emission fee on allowable emissions, then the prorated fee shall be calculated using allowable emissions.

(f) Modifications. The method for calculating the emission fee for a source shall not be affected by modifications at that source, unless the source demonstrates to the director that another method for calculating chargeable emissions is more representative of operations after the modification has been made.

(g) The director may presume that potential emissions of any chargeable pollutant for the source are equivalent to the actual emissions for the source if recent inventory data are not available.

(4) Collection of Fees.

(a) The emission fee is due on October 1 of each calendar year

or 45 days after the source has received notice of the amount of the fee, whichever is later.

(b) The director may require any person who fails to pay the annual emission fee by the due date to pay interest on the fee and a penalty under 19-2-109.1(7)(a).

(c) A person may contest an emission fee assessment, or associated penalty, under 19-2-109.1(8).

KEY: air pollution, greenhouse gases, operating permit, emission fees
Date of Enactment or Last Substantive Amendment: February 4, 2016
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-109.1; 19-2-104

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158725
Utah Admin. Code ref. (R no.): R307-415

Agency Information

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Rule Title

2. Title of rule or section (catchline):
Permits: Operating Permit Requirements.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Subsection 19-2-109.1(4)(a) directs the Utah Air Quality Board to "establish a proposed annual emissions fee that conforms with Title V of the 1990 Clean Air Act for each ton of regulated pollutant, applicable to all sources required to obtain a permit." Section 19-2-104 also allows the Board to promulgate rules that control, abate, and prevent air pollution from all sources. R307-415 controls, abates, and prevents air pollution by establishing an emissions fee and requiring permits for air pollution under the Title V permitting program in the Clean Air Act.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
There were no comments received on this rule since the last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
R307-415 is required by Title V of the Clean Air Act; 40 CFR Part 70; and Section 19-2-109.1 of the Utah Code.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, emission fee, greenhouse gases, operating permit

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-417. Permits: Acid Rain Sources.
R307-417-1. Part 72 Requirements.

The provisions of 40 CFR Part 72, effective as of the date referenced in R307-101-3, for purposes of implementing an acid rain program that meets the requirements of Title IV of the Clean Air Act, are incorporated into these rules by reference. The term "permitting authority" shall mean the director, and the term "Administrator" shall mean the Administrator of the Environmental Protection Agency. If the provisions or requirements of 40 CFR Part 72 conflict with or are not included in R307-415, Permits: Operating Permit Requirements, provisions and requirements of 40 CFR Part 72 shall apply and take precedence.

R307-417-2. Part 75 Requirements.

The provisions of 40 CFR Part 75, effective as of the date referenced in R307-101-3, for purposes of implementing an acid rain program that meets the requirements of Title IV of the Clean Air Act, are incorporated into these rules by reference. The term "permitting authority" shall mean the director, and the term "Administrator" shall mean the Administrator of the Environmental Protection Agency. If the provisions or requirements of 40 CFR Part 75 conflict with or are not included in R307-415, Operating Permit Requirements, provisions and requirements of 40 CFR Part 75 shall apply and take precedence.

R307-417-3. Part 76 Requirements.

The provisions of 40 CFR Part 76, effective as of the date referenced in R307-101-3, for purposes of implementing an acid rain program that meets the requirements of Title IV of the Clean Air Act, are incorporated into these rules by reference. The term "permitting authority" shall mean the director, and the term "Administrator" shall mean the Administrator of the Environmental Protection Agency. If the provisions or requirements of 40 CFR Part 76 conflict with or are not included in R307-415, Operating Permit Requirements, provisions and requirements of 40 CFR Part 76 shall apply and take precedence.

KEY: acid rain, air quality, permitting, operating permit
Date of Enactment or Last Substantive Amendment: February 8, 2008
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158726
Utah Admin. Code ref. (R no.): R307-417

Agency Information

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(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
Permits: Acid Rain Sources.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-104 allows the Utah Air Quality Board to promulgate rules that control, abate, and prevent air pollution from all sources. R307-417 does this by preventing air pollution that contributes to acid rain through an air pollution permitting program. The rule incorporates by reference the federal requirements in 40 C.F.R. Part 72 into Utah's air quality rules for the purpose of meeting the requirements of Title IV of the Clean Air Act.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
There were no comments received on this rule since the last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
The rule incorporates by reference the federal requirements in 40 CFR Part 72 into Utah's air quality rules for the purpose of meeting the requirements of Title IV of the Clean Air Act. By incorporating the federal requirements into the state rules, Utah is able to implement and enforce its own acid rain program. Without this rule, the EPA would have the sole authority to implement the program in Utah.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
acid rain, air quality, operating permit, permitting

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-420. Permits: Ozone Offset Requirements in Davis and Salt Lake Counties.
R307-420-1. Purpose.

The purpose of R307-420 is to maintain the offset provisions of the nonattainment area new source review permitting program in Salt Lake and Davis Counties after the area is redesignated to attainment for ozone. R307-420 also establishes more stringent offset requirements for nitrogen oxides that may be triggered as a contingency measure under the ozone maintenance plan.

R307-420-2. Definitions.

Except as provided in R307-420-2, the definitions in R307-403-1 apply to R307-420.

"Major Source" means:

(1)(a) any stationary source of air pollutants which emits, or has the potential to emit, fifty tons per year or more of volatile organic compounds; or

(b) any stationary source of air pollutants which emits, or has the potential to emit, one hundred tons per year or more of nitrogen oxides; or

(c) any physical change that would occur at a source not qualifying under (1)(a) or (b) as a major source, if the change would constitute a major source by itself.

(2) The fugitive emissions of a stationary source shall not be included in determining whether it is a major stationary source, unless the source belongs to one of the following categories of stationary sources:

(a) Coal cleaning plants (with thermal dryers);
(b) Kraft pulp mills;
(c) Portland cement plants;
(d) Primary zinc smelters;
(e) Iron and steel mills;
(f) Primary aluminum ore reduction plants;
(g) Primary copper smelters;
(h) Municipal incinerators capable of charging more than 250 tons of refuse per day;
(i) Hydrofluoric, sulfuric, or nitric acid plants;
(j) Petroleum refineries;
(k) Lime plants;
(l) Phosphate rock processing plants;
(m) Coke oven batteries;
(n) Sulfur recovery plants;
(o) Carbon black plants (furnace process);
(p) Primary lead smelters;

(q) Fuel conversion plants;
(r) Sintering plants;
(s) Secondary metal production plants;
(t) Chemical process plants;
(u) Fossil-fuel boilers (or combination thereof) totaling more than 250 million British Thermal Units per hour heat input;
(v) Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
(w) Taconite ore processing plants;
(x) Glass fiber processing plants;
(y) Charcoal production plants;
(z) Fossil fuel-fired steam electric plants of more than 250 million British Thermal Units per hour heat input;
(aa) Any other stationary source category which, as of August 7, 1980, is being regulated under 42 U.S.C. 7411 or 7412 (section 111 or 112 of the federal Clean Air Act).

"Significant" means, for the purposes of determining what is a significant emission increase or a significant net emission increase and therefore a major modification, a rate of emissions that would equal or exceed any of the following rates:
(1) for volatile organic compounds, 25 tons per year,
(2) for nitrogen oxides, 40 tons per year.

R307-420-3. Applicability.

(1) Nitrogen Oxides. Effective August 18, 1997, any new major source or major modification of nitrogen oxides in Davis County or Salt Lake County shall offset the proposed increase in nitrogen oxide emissions by a ratio of 1.15:1 before the director may issue an approval order to construct, modify, or relocate under R307-401.

(2) Volatile Organic Compounds. Effective December 2, 1998 any new major source or major modification of volatile organic compounds in Davis County or Salt Lake County shall offset the proposed increase in volatile organic compound emissions by a ratio of 1.2:1 before the director may issue an approval order to construct, modify, or relocate under R307-401.

(3) The applicability provisions in R307-403-2(1)(a) through (f) and R307-403-2(2) through (7) apply in R307-420 for the limited purpose of determining whether a modification is a major modification for volatile organic compounds or nitrogen oxides. Emissions of other regulated air pollutants shall not be considered in this determination.

R307-420-4. General Requirements.

(1) All emission offsets shall meet the general requirements for calculating and banking emission offsets that are established in

R307-403-4, R307-403-7 and R307-403-8.

(2) Emission offset credits generated in Davis County or Salt Lake County may be used in either county.

(3) Offsets may not be traded between volatile organic compounds and nitrogen oxides.

R307-420-5. Contingency Measure: Offsets for Oxides of Nitrogen.

If the nitrogen oxide offset contingency measure described in Section IX, Part D.2.h(3) of the state implementation plan is triggered, the following conditions shall apply in Davis County and Salt Lake County.

(1) Paragraph (1)(b) in the term "major source," which is defined in R307-420-2, shall be changed to read: any stationary source of air pollutants which emits, or has the potential to emit, fifty tons per year or more of nitrogen oxides.

(2) The nitrogen dioxide level that is included in the term "significant," which is defined in R307-420-2, shall be changed from 40 tons per year to 25 tons per year.

(3) The emission offset ratio shall be 1.2:1 for nitrogen oxides.

KEY: air pollution, ozone, offset
Date of Enactment or Last Substantive Amendment: July 1, 2013
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-104; 19-2-108

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158727
Utah Admin. Code ref. (R no.): R307-420

Agency Information

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(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
Permits: Ozone Offset Requirements in Davis and Salt Lake Counties.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-104 allows the Utah Air Quality Board to promulgate rules that control, abate, and prevent air pollution from all sources. R307-420 does this by implementing ozone offset provisions that require sources to offset increases in emissions before getting an approval order to construct, modify, or relocate under R307-401. The offsetting program is designed to prevent future net increases in air pollution.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
There were no comments on this rule since the last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
R307-420 is required to minimize the growth in emissions of ozone precursors in Salt Lake and Davis counties. This rule supports Section IX.D (Ozone Maintenance Plan) of the State Implantation Plan, which is incorporated by reference in R307-110-13.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, offset, ozone

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-421. Permits: PM10 Offset Requirements in Salt Lake County and Utah County.
R307-421-1. Purpose.

The purpose of R307-421 is to require emission reductions from existing sources to offset emission increases from new or modified sources of PM10 precursors in Salt Lake and Utah Counties. The emission offset will minimize growth of PM10 precursors to ensure that these areas will continue to maintain the PM10 and PM2.5 national ambient air quality standards.

R307-421-2. Applicability.

(1) This rule applies to new or modified sources of sulfur dioxide or oxides of nitrogen that are located in or impact Salt Lake County or Utah County.

(2) A new or modified source shall be considered to impact an area if the modeled impact is greater than 1.0 microgram/cubic meter for a one-year averaging period or 3.0 micrograms/cubic meter for a 24-hour averaging period for sulfur dioxide or nitrogen dioxide.

R307-421-3. Offset Requirements.

(1) The owner or operator of any new source that has the potential to emit, or any modified source that would increase sulfur dioxide or oxides of nitrogen in an amount equal to or greater than the levels in (a) and (b) below shall obtain an enforceable emission offset as defined in (a) and (b) below.

(a) For a total of 50 tons/year or greater, an emission offset of 1.2:1 of the emission increase is required.

(b) For a total of 25 tons/year or greater but less than 50 tons/year, an emission offset of 1:1 of the emission increase is required.

R307-421-4. General Requirements.

(1) All emission offsets shall meet the general requirements for calculating and banking emission offsets that are established in R307-403-4, R307-403-7 and R307-403-8.

(2) Emission offsets shall be used only in the county where the credits are generated. In the case of sources located outside of Salt Lake or Utah Counties, the offsets shall be generated in the county where the modeled impact in R307-421-2(2) occurs.

(3) Emission offsets shall not be traded between pollutants.

R307-421-5. Transition Provision.

This rule will become effective in each county on the day that the EPA redesignates the county to attainment for PM10. The PM10

nonattainment area offset provisions in R307-403 will continue to apply until the EPA redesignates each county to attainment for PM10.

KEY: air pollution, offset, PM10, PM2.5
Date of Enactment or Last Substantive Amendment: July 7, 2005
Notice of Continuation: June 6, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-101(1)(a); 19-2-104; 19-2-108

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158728
Utah Admin. Code ref. (R no.): R307-421

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

Room no.: Fourth Floor
Building:
Street address 1: 195 N 1950 W
Street address 2:
City, state, zip: SALT LAKE CITY UT 84116-3085
Mailing address 1: PO BOX 144820
Mailing address 2:
City, state, zip: SALT LAKE CITY UT 84114-4820

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Ryan Stephens	801-536-4419	801-536-0085	rstephens@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
PM10 Offset Requirements in Salt Lake County and Utah County.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
Section 19-2-104 allows the Utah Air Quality Board to promulgate rules that control, abate, and prevent air pollution from all sources. R307-421 does this by ensuring that the growth of particulate matter precursor pollutants are minimized by the use of emission offsets.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
There were no comments received on this rule since the last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
R307-421 is required to minimize the growth in emissions of PM10 precursors in Salt Lake and Utah County. The rule supports the PM10 Maintenance Plan, which is incorporated by reference in R307-110-10.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, PM2.5, offset, PM10

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/17/2017

R307. Environmental Quality, Air Quality.
R307-424. Permits: Mercury Requirements for Electric Generating Units.
R307-424-1. Purpose and Applicability.

The purpose of R307-424 is to regulate mercury emissions from any coal-fired electric generating unit (EGU). R307-424 applies to any coal-fired electric generating unit as defined in 40 CFR 60.24.

R307-424-2. Part 70 Permit.

Sources meeting the applicability requirements of R307-424-1 above, and also meeting the applicability requirements of R307-415-4, are required to obtain a mercury (Hg) budget permit in accordance with R307-224-2(1)(a).

R307-424-3. Offset Requirement: Mercury.

Sources meeting the applicability requirements of R307-424-1 above and making application for an approval order under R307-401 shall, in addition to any other requirement for obtaining such approval order, obtain an enforceable offset for any potential increase in mercury emissions in accordance with the following:

(1) The permitted increase in mercury emissions, considering the application of any control method or device, shall be offset by mercury emission credits at a ratio of 1 to 1.1 respectively.

(2) The averaging period for such determinations shall be a 12-month period.

(3) Mercury emission credits must be obtained from an EGU located within the State of Utah, excluding any EGU located on Indian lands within the State.

(4) To preserve reductions in mercury emissions as credits for use in offsetting potential increases, the director must identify such credits in an order issued pursuant to R307- 401 and shall provide a registry to identify the person, private entity or governmental authority that has the right to use or allocate the banked emission reduction credits, and to record any transfers of, or liens on, these rights.

(5) Any emission offsets shall be enforceable by the time a new or modified source commences construction, and, by the time a new or modified source commences operation, any emission offsets shall be in effect and enforceable.

(6) The quantity of mercury emission reductions to be used for credit will be determined in accordance with 40 CFR part 75, or will be based on the best available data reported to the director. To the extent that the EGU has been subject to the requirements of part 75, mercury emissions data shall be the average of the 3 highest annual amounts over the most recent 5-year period. Mercury emission

reductions made prior to December 31, 1999 shall not be creditable for such purpose.

(7) R307-424-3 shall not apply to any EGU for which a valid approval order was issued prior to November 17, 2006.

R307-424-4. Emission Rates.

(1) By no later than December 31, 2012, the owner or operator of any EGU with an input heat capacity in excess of 1,500 MMbtu per hour and having commenced operations prior to November 17, 2006, shall demonstrate compliance with at least one of the following:

(a) A maximum emission rate of 6.50×10^{-7} pounds mercury per million btu heat input; or

(b) A minimum of 90% control of total mercury emissions.

(2) Compliance with (1) above shall be based on an annual averaging period beginning January 1 and ending December 31.

(a) Beginning January 1, 2013, compliance shall be determined using the monitoring and recordkeeping requirements incorporated under R307-224-2. Upon completion of each year's fourth quarterly report, an assessment shall be made for the entire calendar year and reported to the director within 30 days.

(b) Where it is necessary to determine the mercury content of the coal or coals burned, the owner or operator shall use the appropriate ASTM method, and shall measure at least one representative sample each month. Records of such testing shall be kept for a period of at least five years, and shall be made available to the director upon request.

(3) Should an EGU be unable to achieve the maximum emission rate or the minimum control efficiency described in (1) above, despite proper operation of the unit in conjunction with a baghouse as well as wet or dry flue gas de-sulfurization, the owner or operator may petition the director for a modification to the compliance limitation for the unit in accordance with R307-401.

(a) Such petition shall be received no later than the date upon which the compliance assessment required under (2)(a) above is due.

(b) Any such determination by the director will be made on a case-by-case basis, taking into consideration energy, environmental and economic impacts and other costs. It will be based on the best information and analytical techniques available.

KEY: air pollution, electric generating unit, mercury
Date of Enactment or Last Substantive Amendment: May 9, 2007
Notice of Continuation: April 5, 2012
Authorizing, and Implemented or Interpreted Law: 19-2-101; 19-2-104(1)(a); 19-2-104(3)(e); 40 CFR 60.24

FIVE-YEAR NOTICE OF REVIEW AND STATEMENT OF CONTINUATION

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158665
Utah Admin. Code ref. (R no.): R307-424

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

Room no.: Fourth Floor
Building:
Street address 1: 195 N 1950 W
Street address 2:
City, state, zip: SALT LAKE CITY UT 84116-3085
Mailing address 1: PO BOX 144820
Mailing address 2:
City, state, zip: SALT LAKE CITY UT 84114-4820

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Ryan Stephens	801-536-4419	801-536-0085	rstephens@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
Permits: Mercury Requirements for Electric Generating Units.

Rule Provisions

3. A concise explanation of the particular statutory provisions under which the rule is enacted and how these provisions authorize or require the rule:
This rule was enacted under Utah Code 19-2-104. Utah Code 19-2-104 authorizes the Utah Air Quality Board to promulgate rules "regarding the control, abatement, and prevention of air pollution from all sources and the establishment of the maximum quantity of air pollutants that may be emitted by an air pollutant source..." R307-424 controls mercury emissions from coal-fired electric generating units. It also establishes maximum allowable quantities of mercury that may be emitted by a source. Each of these regulatory actions (controlling emissions and setting emission standards) are allowed under 19-2-104.

Content Summary

4. A summary of written comments received during and since the last five-year review of the rule from interested persons supporting or opposing the rule:
There were no comments in opposition to this rule since the last five-year review.

Justification Information

5. A reasoned justification for continuation of the rule, including reasons why the agency disagrees with comments in opposition to the rule, if any:
This rule should be continued because it sets mercury emission limits for coal-fired power plants. It also implements federal emission standards found in 40 C.F.R. 61.24 and is required by Section 111(d) of the Clean Air Act.

Indexing Information

6. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):
air pollution, electric generating unit, mercury

File Information

7. Attach an RTF document containing the text of this rule change (filename):
There is a document associated with this rule filing.

To the Agency

Information requested on this form is required by Section 63G-3-305. Incomplete forms will be returned to the agency for completion, possibly delaying the effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird
Director

Date (mm/dd/yyyy): 04/03/2017

ITEM 5

State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQ-021-17

M E M O R A N D U M

TO: Air Quality Board

THROUGH: Bryce C. Bird, Executive Secretary

FROM: Mat Carlile, Environmental Planning Consultant

DATE: April 18, 2017

SUBJECT: PROPOSE FOR PUBLIC COMMENT: Amend R307-122. General Requirements: Heavy Duty Vehicle Tax Credit.

The Utah Legislature revised the statute governing the State's clean fuel tax credit during the 2017 legislative session. Senate Bill 24 amended the definition of a "qualified heavy duty vehicle" to include heavy duty vehicles that have hydrogen-electric and electric drivetrains for purposes of receiving an income tax credit.

The proposed amendments to R307-122 would incorporate these new categories of qualified heavy duty vehicles into the Utah Air Quality Rules.

Recommendation: Staff recommends the Board propose the amended R307-122 for public comment.

R307. Environmental Quality, Air Quality.
R307-122. General Requirements: Heavy Duty Vehicle Tax Credit.
R307-122-1. Authorization and Purpose.

(1) This rule is authorized by Sections 59-7-618 and 59-10-1033. These statutes establish criteria and definitions used to determine eligibility for an income tax credit.

(2) R307-122 establishes procedures to provide proof of a qualified purchase, in accordance with 59-7-618(6)(a) or 59-10-1033(6)(a), to the director for a qualified heavy duty vehicle for which an income tax credit is allowed under Sections 59-7-618 or 59-10-1033.

R307-122-2. Definitions.

The following additional definitions apply to R307-122.

"Heavy duty vehicle" means heavy duty vehicle as defined in Subsection 59-7-618(1)([~~b~~]c) and 59-10-1033(1)([~~b~~]c).

"Original equipment manufacturer (OEM) vehicle" means original equipment manufacturer (OEM) as defined in Subsection 19-1-402(8).

"Qualified heavy duty vehicle" means qualified heavy duty vehicle as defined in 59-7-618(1)([~~d~~]e) and 59-10-1033(1)([~~d~~]e).

"Qualified purchase" means qualified purchase as defined in 59-7-618(1)([~~e~~]f) and 59-10-1033(1)([~~e~~]f).

"Qualified taxpayer" means qualified taxpayer as defined in 59-7-618(1)([~~f~~]g) and 59-10-1033(1)([~~f~~]g).

R307-122-3. Reservation of a Qualified Heavy Duty Vehicle Tax Credit.

(1) A qualified taxpayer shall reserve a qualified heavy duty vehicle tax credit before submitting proof of qualified purchase to obtain approval from the division for the heavy duty vehicle tax credit. A qualified taxpayer shall apply to reserve the tax credit on forms provided by the division, which will include the following:

(a) the name of the qualified taxpayer and the qualified taxpayers registered name with the United States Department of Transportation (USDOT),

(b) the last four digits of the qualified taxpayer's social security number(SSN) or employer identification number (EIN),

(c) the qualified taxpayer's address, and

(d) the qualified taxpayer's USDOT number.

(2) The tax credit shall be reserved for the qualified taxpayer for up to 180 calendar days from the division's approval of the request to reserve the credit.

(3) If the qualified taxpayer does not meet all of the requirements of R307-122-4 before 181 calendar days after the division's approval of the request to reserve the tax credit, the tax credit will no longer be reserved for the qualified taxpayer.

R307-122-4. Proof of Qualified Purchase for a Qualified Heavy Duty Vehicle.

To demonstrate that a heavy duty vehicle is eligible for the tax credit, proof of qualified purchase shall be made in accordance with 59-7-605(6)(a) or 59-10-1009(6)(a), by submitting the following documents to the director:

(1)(a) a copy of the motor vehicle's window sticker, which includes its Vehicle Identification Number (VIN), or equivalent manufacturer's documentation showing that the heavy duty vehicle is [~~an OEM natural gas vehicle; or~~]:

(i) an OEM natural gas vehicle;

(ii) has a 100% electric drivetrain; or

(iii) has a hydrogen-electric drivetrain; or

(b) a signed statement by either an Automotive Service Excellence (ASE)-certified technician or Canadian Standards Association (CSA) America CNG Fuel System Inspector that includes the VIN, the technician's ASE or CSA America certification number, and states that the heavy duty vehicle is [~~an OEM natural gas vehicle;~~]:

(i) an OEM natural gas vehicle;

(ii) has a 100% electric drivetrain; or

(iii) has a hydrogen-electric drivetrain;

(2) an original or copy of the purchase order, customer invoice, or receipt that includes the name of the qualified taxpayer seeking the credit, the name of the seller of the heavy duty vehicle, the VIN, purchase date, and price of the heavy duty vehicle;

(3) a copy of the current Utah vehicle registration in the name of the qualified taxpayer seeking the credit; and

(4) the certification required under Subsection 59-7-618(2)(b) and 59-10-1033(2)(b).

KEY: air pollution, alternative fuels, tax credits, heavy duty vehicles

Date of Enactment or Last Substantive Amendment: [~~September 3, 2015~~]2017

Authorizing, and Implemented or Interpreted Law: 19-2-104; 19-1-402; 59-7-618; 59-10-1033

NOTICE OF
PROPOSED RULE AMENDMENT

- The agency identified below in box 1 provides notice of proposed rule change pursuant to Utah Code Section 63G-3-301.
- Please address questions regarding information on this notice to the agency.
- The full text of all rule filings is published in the Utah State Bulletin unless excluded because of space constraints.
- The full text of all rule filings may also be inspected at the Office of Administrative Rules.

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158618
Utah Admin. Code ref. (R no.): R307-122

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

Room no.: Fourth Floor
Building:
Street address 1: 195 N 1950 W
Street address 2:
City, state, zip: SALT LAKE CITY UT 84116-3085
Mailing address 1: PO BOX 144820
Mailing address 2:
City, state, zip: SALT LAKE CITY UT 84114-4820

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Mat Carlile	801-536-4116	801-536-4136	mcarlile@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
General Requirements: Heavy Duty Vehicle Tax Credit

Notice Type

3. Type of notice: Amendment

Rule Purpose

4. Purpose of the rule or reason for the change:
   During the 2017 General Session the Legislature passed S.B. 24, which amended the definition of a "qualified heavy duty vehicle" to include heavy duty vehicles that have hydrogen-electric and 100% electric drivetrains. This amendment updates R307-122 so that it matches the current statute.

Response Information

5. This change is a response to comments by the Administrative Rules Review Committee.
   ◉ No ○ Yes

Rule Summary

6. Summary of the rule or change:
   R307-122 has been amended to include references that are consistent with the most recent changes in Utah Code 59-10-1033. This includes adding "100% electric drivetrain" and "hydrogen-electric drivetrain" wherever the rule previously mentioned "OEM natural gas vehicle."

Aggregate Cost Information

7. Aggregate anticipated cost or savings to:

A) State budget:

Affected: ◉ No ○ Yes

The proposed amendment does not impact the state budget because the Utah Code already includes the new definition of a "qualified heavy duty vehicle." R307-122 only provides procedures that help implement the program that is already required by Utah Code 59-10-1033. Also, the fiscal note attached to S.B. 24, which prompted this rule amendment, states a cost of zero dollars. The cost of adding new types of vehicles to the "qualified vehicle" list is zero because there is a dollar limit on the total money spent on tax credits that was not impacted by S.B. 24. Once the money has been spent, there are no longer any tax credits awarded during that year, regardless of which type of vehicles apply for the credit.

B) Local government:

Affected: ◉ No ○ Yes

The proposed amendment does not impact money spent by local governments because the Utah Code already includes the new definition of a "qualified heavy duty vehicle." R307-122 only provides procedures that help implement the program that is already required by Utah Code 59-10-1033. Also, the fiscal note attached to S.B. 24, which prompted this rule amendment, states a cost of zero dollars. The cost of adding new types of vehicles to the "qualified vehicle" list is zero because there is a dollar limit on the total money spent on tax credits that was not impacted by S.B. 24. Once the money has been spent, there are no longer any tax credits awarded during that year, regardless of which type of vehicles apply for the credit.

C) Small businesses:

Affected: ◉ No ○ Yes

("small business" means a business employing fewer than 50 persons)

This rule amendment will not cost small businesses any money because the rule is merely a set of procedures that must be followed to qualify for a tax credit for owning a "qualified heavy duty vehicle." However, the rule could help small businesses save money if they take advantage of the tax credit. The tax credit is worth up to $25,000 (U.C.A. 59-10-1033(2)(a)).

D) Persons other than small businesses, businesses, or local government entities:

Affected: ◉ No ○ Yes

("person" means any individual, partnership, corporation, association, governmental entity, or public or private organization of any character other than an agency)

This rule amendment will not cost "other persons" any money because the rule is merely a set of procedures on obtaining a tax credit for owning a "qualified heavy duty vehicle." However, the rule could help people who are not small businesses, businesses, or local government entities save money if they take advantage of the tax credit. The tax credit may be as high as $25,000 (U.C.A. 59-10-1033(2)(a)).

Compliance Cost Information

8. Compliance costs for affected persons:
   No compliance costs are anticipated for affected persons because the rule will still be implemented in the same way as before, which did not include any compliance costs. The only change is that there are now more people who are eligible to receive the tax credit. People only have to comply with this rule if they want to receive the tax credit. If a person does comply with the rule and receives a tax credit, then they will end up saving money.

Department Head Comments

9. A) Comments by the department head on the fiscal impact the rule may have on businesses:
   This rule amendment will not cost businesses any money because the rule is merely a set of procedures that must be followed to qualify for a tax credit for owning a "qualified heavy duty vehicle." However, the rule could help businesses save money if they take advantage of the tax credit. The tax credit is worth up to $25,000 (U.C.A. 59-10-1033(2)(a)).
   B) Name and title of department head commenting on the fiscal impacts:
   Alan Matheson, Executive Director

Citation Information

10. This rule change is authorized or mandated by state law, and implements or interprets the following state and federal laws.
    State code or constitution citations (required) (e.g., Section 63G-3-402; Subsection 63G-3-601(3); Article IV) :
    59-10-1033, 59-7-618, 19-2-104

Incorporated Materials

11. This rule adds, updates, or removes the following title of materials incorporated by reference (a copy of materials incorporated by reference must be submitted to DAR; if none, leave blank) :

Official Title of Materials Incorporated (from title page)	
Publisher	
Date Issued (mm/dd/yyyy)	
Issue, or version (including partial dates)	
ISBN Number	
ISSN Number	
Cost of Incorporated Reference	
Adds, updates, removes	-- SELECT ONE --

Comments

12. The public may submit written or oral comments to the agency identified in box 1. (The public may also request a hearing by submitting a written request to the agency. The agency is required to hold a hearing if it receives requests from ten interested persons or from an association having not fewer than ten members. Additionally, the request must be received by the agency not more than 15 days after the publication of this rule in the Utah State Bulletin. See Section 63G-3-302 and Rule R15-1 for more information.)

A) Comments will be accepted until 5:00 p.m. on (mm/dd/yyyy) : 07/03/2017

B) A public hearing (optional) will be held:

On (mm/dd/yyyy): At (hh:mm AM/PM): At (place):

Proposed Effective Date

13. This rule change may become effective on (mm/dd/yyyy): 07/10/2017

NOTE: The date above is the date on which this rule MAY become effective. It is NOT the effective date. After a minimum of seven days following the date designated in Box 12(A) above, the agency must submit a Notice of Effective Date to the Office of Administrative Rules to make this rule effective. Failure to submit a Notice of Effective Date will result in this rule lapsing and will require the agency to start the rulemaking process over.

Indexing Information

14. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):

air pollution, alternative fuels, tax credits, heavy duty vehicles

File Information

15. Attach an RTF document containing the text of this rule change (filename):

No document is associated with this filing.

To the Agency

Information requested on this form is required by Sections 63G-3-301, 302, 303, and 402. Incomplete forms will be returned to the agency for completion, possibly delaying publication in the Utah State Bulletin, and delaying the first possible effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird Director

Date (mm/dd/yyyy): 04/18/2017

ITEM 6

State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQ-022-17

M E M O R A N D U M

TO: Air Quality Board

THROUGH: Bryce C. Bird, Executive Secretary

FROM: Joel Karmazyn, Environmental Scientist

DATE: April 18, 2017

SUBJECT: PROPOSE FOR PUBLIC COMMENT: R307-230. NOx Emission Limits for Natural Gas-Fired Water Heaters.

In September 2015 the Board adopted new rule R307-230 (water heater rule) to limit NOx emissions from natural gas-fired water heaters. After the water heater rule was adopted, the Administrative Rules Review Committee held a hearing to address concerns about the Board's ability to regulate emissions from water heaters. The Utah Home Builders Association, along with some of the members of the review committee, held the view that the Board's rule impermissibly interfered with Utah's State Construction and Fire Codes Act (Building Code). They argued that the water heater rule was invalid because it set standards that were more stringent than what was required by the Building Code. At the time, the Building Code did not contain any emission standards for water heaters. As a result, during the 2016 General Session, the water heater rule was not reauthorized under Senate Bill 88.

While the legislature did not reauthorize the water heater rule, it amended the Building Code to include emission limits for water heaters. The text of the Building Code now contains essentially all of the original water heater rule text that was adopted by the Board in 2015. The main difference is that the requirements regarding the sale and installation of the water heaters only apply to water heaters manufactured after July 1, 2018. Since the Building Code now contains emission limits, the Board has the authority to write a rule that is equally as stringent. The new version of R307-230 incorporates the emission limits found in the Building Code into the Utah Air Quality Rules. By incorporating the emission limits into the Utah Air Quality Rules, the state will be able to take credit for the emission reductions in the State Implementation Plan.

Recommendation: Staff recommends the Board propose new rule R307-230, NOx Emissions Limits for Natural Gas-Fired Water Heaters, for public comment.

R307. Environmental Quality, Air Quality.
R307-230. NO_x Emission Limits for Natural Gas-Fired Water Heaters.

R307-230-1. Purpose.
The purpose of R307-230 is to reduce emissions of nitrogen oxides (NO_x) from natural gas-fired water heaters.

R307-230-2. Applicability.
R307-230 applies to the sale or installation of natural gas-fired water heaters on or after July 1, 2018.

R307-230-3. Emission Limits and Requirements.
(1) The State Construction and Fire Codes Act, Subsection 15A-6-102, Enacted by Chapter 236, 2017 General Session, is hereby incorporated by reference.
(2) Manufacturers shall use South Coast Air Quality Management District Method 100.1 to comply with the NO_x emission limits.

KEY: Water heaters, natural gas, NO_x, air quality
Date of Enactment or Last Substantive Amendment: 2017
Authorizing, and Implemented or Interpreted Law: 19-2-101; 19-2-104; 19-2-107.7

NOTICE OF
PROPOSED NEW RULE

- The agency identified below in box 1 provides notice of proposed rule change pursuant to Utah Code Section 63G-3-301.
- Please address questions regarding information on this notice to the agency.
- The full text of all rule filings is published in the Utah State Bulletin unless excluded because of space constraints.
- The full text of all rule filings may also be inspected at the Office of Administrative Rules.

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158737
Utah Admin. Code ref. (R no.): R307-230

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

Room no.: Fourth Floor
Building:
Street address 1: 195 N 1950 W
Street address 2:
City, state, zip: SALT LAKE CITY UT 84116-3085
Mailing address 1: PO BOX 144820
Mailing address 2:
City, state, zip: SALT LAKE CITY UT 84114-4820

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Ryan Stephens	801-536-4419	801-536-0085	rstephens@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
NOx Emission Limits for Natural Gas-Fired Water Heaters.

Notice Type

3. Type of notice: New Rule

Rule Purpose

4. Purpose of the rule or reason for the change:
   The purpose of the rule is to take credit in the Utah State Implementation Plan (SIP) for the emission reductions that will occur as a result of recent amendments to the State Construction and Fire Codes Act (Building Code).

Response Information

5. This change is a response to comments by the Administrative Rules Review Committee.
   ◉ No ○ Yes

Rule Summary

6. Summary of the rule or change:
   R307-230 incorporates the emission limits found in the Building Code into the Utah Air Quality Rules.

Aggregate Cost Information

7. Aggregate anticipated cost or savings to:
   A) State budget:
   Affected: ◉ No ○ Yes
   This rule does not impact the state budget because the emission standards for natural gas-fired water heaters are already required by the Utah Building Code (15A-6-102).
   B) Local government:
   Affected: ◉ No ○ Yes
   This rule does not impact local government budgets because the emission standards for natural gas-fired water heaters are already required by the Utah Building Code (15A-6-102).
   C) Small businesses:
   Affected: ◉ No ○ Yes
   ("small business" means a business employing fewer than 50 persons)
   This rule does not have a fiscal impact on small businesses because the emission standards for natural gas-fired water heaters are already required by the Utah Building Code (15A-6-102).
   D) Persons other than small businesses, businesses, or local government entities:
   Affected: ◉ No ○ Yes
   ("person" means any individual, partnership, corporation, association, governmental entity, or public or private organization of any character other than an agency)
   This rule does not impact persons other than small businesses, businesses, or local government entities because the emission standards for natural gas-fired water heaters are already required by the Utah Building Code (15A-6-102).

Compliance Cost Information

8. Compliance costs for affected persons:
   There is no compliance cost because the Utah Building Code already requires the emission limits that are being incorporated by this rule.

Department Head Comments

9. A) Comments by the department head on the fiscal impact the rule may have on businesses:
   This rule does not have a fiscal impact on businesses because the emission standards for natural gas-fired water heaters are already required by the Utah Building Code (15A-6-102).
   B) Name and title of department head commenting on the fiscal impacts:
   Alan Matheson, Executive Director

Citation Information

10. This rule change is authorized or mandated by state law, and implements or interprets the following state and federal laws.
    State code or constitution citations (required) (e.g., Section 63G-3-402; Subsection 63G-3-601(3); Article IV) :
    19-2-104, 15A-6-102

Incorporated Materials

11. This rule adds, updates, or removes the following title of materials incorporated by reference (a copy of materials incorporated by reference must be submitted to DAR; if none, leave blank) :

Official Title of Materials Incorporated (from title page)	
Publisher	
Date Issued (mm/dd/yyyy)	
Issue, or version (including partial dates)	
ISBN Number	
ISSN Number	
Cost of Incorporated Reference	
Adds, updates, removes	-- SELECT ONE --

Comments

12. The public may submit written or oral comments to the agency identified in box 1. (The public may also request a hearing by submitting a written request to the agency. The agency is required to hold a hearing if it receives requests from ten interested persons or from an association having not fewer than ten members. Additionally, the request must be received by the agency not more than 15 days after the publication of this rule in the Utah State Bulletin. See Section 63G-3-302 and Rule R15-1 for more information.)
    A) Comments will be accepted until 5:00 p.m. on (mm/dd/yyyy) : 07/03/2017
    B) A public hearing (optional) will be held:
    On (mm/dd/yyyy): At (hh:mm AM/PM): At (place):

Proposed Effective Date

13. This rule change may become effective on (mm/dd/yyyy): 07/10/2017

NOTE: The date above is the date on which this rule MAY become effective. It is NOT the effective date. After a minimum of seven days following the date designated in Box 12(A) above, the agency must submit a Notice of Effective Date to the Office of Administrative Rules to make this rule effective. Failure to submit a Notice of Effective Date will result in this rule lapsing and will require the agency to start the rulemaking process over.

Indexing Information

14. Indexing information - keywords (maximum of four, one term per field, in lower case, except for acronyms (e.g., "GRAMA") or proper nouns (e.g., "Medicaid")):

water heaters, air quality, natural gas, NOx

File Information

15. Attach an RTF document containing the text of this rule change (filename):

No document is associated with this filing.

To the Agency

Information requested on this form is required by Sections 63G-3-301, 302, 303, and 402. Incomplete forms will be returned to the agency for completion, possibly delaying publication in the Utah State Bulletin, and delaying the first possible effective date.

Agency Authorization

Agency head or designee, and title:	Bryce Bird Director	Date (mm/dd/yyyy):	04/18/2017

ITEM 7

State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQ-025-17

M E M O R A N D U M

TO: Air Quality Board

THROUGH: Bryce C. Bird, Executive Secretary

FROM: Joel Karmazyn, Environmental Scientist

DATE: April 19, 2017

SUBJECT: PROPOSE FOR PUBLIC COMMENT: Amend R307-309. Nonattainment and Maintenance Areas for PM10 and PM2.5: Fugitive Emissions and Fugitive Dust.

On February 25, 2016, the Environmental Protection Agency (EPA) approved all but two of the area source rules that were included as control measures in the PM2.5 State Implementation Plan. One of those rules was R307-309, Nonattainment and Maintenance Areas for PM10 and PM2.5: Fugitive Emissions and Fugitive Dust. The EPA informed staff that amendments to the rule were needed before they could approve it.

Most of the changes made to the rule were done to make the rule easier to read and understand. Notable changes to the rule include the following:

- Language was added to R307-309-3 to emphasize that the rule applies to fugitive dust sources one-quarter acre or greater.
- R307-309-4 was amended to clarify that the method for observing fugitive emissions allows people to observe emissions at varying lengths of duration, not just six minutes.
- R307-309-7 through R307-309-11 were amended to explicitly state that fugitive dust plans are still required for the activities mentioned in those sections.
- The compliance schedule found in R307-309-13 was removed because it was out of date.
- The requirement to maintain records was amended to include an explicit time period of two years.

On September 30, 2016, the Division sent a commitment letter to EPA in regard to making the above changes no later than one year after EPA's final conditional approval date. EPA has yet to propose a

conditional approval, but staff worked with EPA on these changes and informed EPA that the Division is moving forward with the Rule.

Recommendation: Staff recommends the Board propose the amended R307-309 for public comment.

R307. Environmental Quality, Air Quality.
R307-309. Nonattainment and Maintenance Areas for PM10 and PM2.5: Fugitive Emissions and Fugitive Dust.
R307-309-1. Purpose.

This rule establishes minimum work practices and emission standards for sources of fugitive emissions and fugitive dust.

R307-309-2. Definitions.

The following additional definition applies to R307-309:

"Material" means sand, gravel, soil, minerals, and other matter that may create fugitive dust.

R307-309-3. Applicability.

(1) [~~Applicability.~~] R307-309 applies to all new or existing sources of fugitive dust one-quarter acre or greater and any sources of fugitive emissions located in PM10 [~~and~~]or PM2.5 nonattainment [~~and~~]or maintenance plan areas as defined in 40 CFR 81.345 (July 1, 2011)[~~, except as specified in R307-309-3(2)~~]. Collectively, The PM10 and PM2.5 nonattainment and maintenance plan areas are geographically defined as all regions of Salt Lake and Davis counties; all portions of the Cache Valley; all regions in Weber County west of the Wasatch mountain range; all regions of Utah County; in Box Elder County, from the Wasatch mountain range west to the Promontory mountain range and south of Portage; and in Tooele County, from the northernmost part of the Oquirrh mountain range to the northern most part of the Stansbury mountain range and north of Route 199.

(2) Exemptions.

(a) Agriculturally derived fugitive dust sources, including agricultural or horticultural activities specified in 19-2-114 (1)-(3) are exempt from the provisions of R307-309.

(b) Any activity subject to R307-307, Road Salting and Sanding, is exempt from R307-309[~~-7~~].

R307-309-4. Fugitive Emissions.

(1) Fugitive emissions from any source shall not exceed 15% opacity.

(2) Opacity observations of fugitive emissions from stationary sources shall be conducted in accordance with EPA Method 9.

(3) For intermittent sources and mobile sources, opacity observations shall be conducted using Method 9; however, the requirement for observations to be made at 15 second intervals over a six-minute period shall not apply. The number of observations and the time period shall be determined by the length of the intermittent or mobile source operation.

R307-309-5. General Requirements for Fugitive Dust.

(1) Except as provided in R307-309-5(3), opacity caused by fugitive dust shall not exceed:

(a) 10% at the property boundary; and

(b) 20% on site

(2) Any person owning or operating a new or existing source of fugitive dust one-quarter acre or greater in size shall submit

a fugitive dust control plan to the director in accordance with R307-309-6.

(3) Opacity in R307-309-5(1) shall not apply when the wind speed exceeds 25 miles per hour if the owner or operator has implemented, and continues to implement, the accepted fugitive dust control plan in R307-309-6 and administers [~~at least one~~]one or more of the following contingency measures:

(a) Pre-event watering;

(b) Hourly watering;

(c) Additional chemical stabilization; [~~or~~]

(d) Cease or reduce fugitive dust producing operations to the extent practicable.

[~~(e) Other contingency measure approved by the director.~~]

(4) Wind speed [~~may~~]shall be measured by [~~a hand-held~~]an anemometer [~~or equivalent device~~].

(5) Opacity observations of fugitive dust from any source shall be measured at the densest point of the plume.

(a) For mobile sources, visible emissions shall be measured at a point not less than 1/2 vehicle length behind the vehicle and not less than 1/2 the height of the vehicle.

(b) Opacity observations of emissions from stationary sources shall be measured in accordance with EPA Method 9.

(c) For intermittent sources, opacity observations shall be conducted using Method 9; however, the requirement for observations to be made at 15 second intervals over a six-minute period shall not apply. The number of observations and the time period shall be determined by the length of the intermittent or mobile source operation.

R307-309-6. Fugitive Dust Control Plan.

(1) Any person owning or operating a new or existing source of fugitive dust, including storage, hauling or handling operations, clearing or leveling of land one-quarter acre or greater in size, earthmoving, excavation, moving trucks or construction equipment over cleared land one-quarter acre or greater in size or access haul roads, or demolition activities including razing homes, buildings or other structures, shall submit a fugitive dust control plan on a form provided by the director or another format approved by the director.

(a) A fugitive dust control plan that has been submitted to and accepted by the director prior to December 3, 2012, will fulfill the requirements of R307-309-6 for that source.

(2) Activities regulated by R307-309 shall not commence before the fugitive dust control plan is approved by the director.

(a) Successful completion of the web-based division-sponsored fugitive dust control plan tool shall constitute plan approval.

(b) Hard copy fugitive control plan submission must be reviewed and approved by the director prior to commencing activities regulated by R307-309.

(3) Sources with an existing fugitive dust control plan who make site modifications that result in emission changes shall submit an updated fugitive dust control plan.

(4) Minimum fugitive dust control plan requirements. At a

minimum, a fugitive dust control plan must include the following requirements as they apply to a source:

(a) Backfilling.

(i) Stabilize backfill material when not actively handling.

(ii) Stabilize backfill material during handling.

(iii) Stabilize soil at completion of backfilling activity.

(iv) Stabilize material while using pipe padder equipment.

(b) Blasting.

(i) Stabilize surface soils where drills, support equipment and vehicles will operate.

(ii) Stabilize soil during blast preparation activities.

(iii) Stabilize soil after blasting.

(c) Clearing.

(i) Stabilize surface soils where support equipment and vehicles will operate.

(ii) Stabilize disturbed soil immediately after clearing and grubbing activities.

(iii) Stabilize slopes at completion of activity.

(d) Clearing forms, foundations and slabs.

(i) Use water, sweeping and vacuum to clear.

(e) Crushing.

(i) Stabilize surface soils where support equipment and vehicles will operate.

(ii) Stabilize material before, during and after crushing.

(iii) Traffic mileage or speed controls.

(iv) Minimize transfer height.

(f) Cut and fill.

(i) Stabilize surface soils where support equipment and vehicles will operate.

(ii) Pre-water soils.

(iii) Stabilize soil during and after cut activities.

(g) Demolition-implosion.

(i) Stabilize surface area where support equipment and vehicles will be operated.

(ii) Stabilize demolition debris immediately following blast and safety clearance.

(iii) Stabilize and clean surrounding area immediately following blast and safety clearance.

(h) Demolition-mechanical and manual.

(i) Stabilize surface areas where support equipment and vehicles will operate.

(ii) Stabilize demolition debris during handling.

(iii) Stabilize debris following demolition.

(iv) Stabilize surrounding area following demolition.

(i) Disturbed soil.

(i) Limit disturbance of soils where possible.

(ii) Stabilize and maintain stability of all disturbed soil throughout construction site.

(j) Hauling materials.

(i) Limit visible dust opacity from vehicular operations.

(ii) Stabilize materials during transport on site.

(iii) Clean wheels and undercarriage of haul trucks prior to

leaving construction site.

(k) Paving subgrade preparation.

(i) Stabilize adjacent disturbed soils following paving activities by applying water, chemical stabilizer and/or synthetic cover.

(l) Sawing and cutting materials.

(i) Limit visible emissions using water or vacuum.

(m) Screening.

(i) Stabilize surface soils where support equipment and vehicles will operate.

(ii) Pre-treat material prior to screening.

(iii) Stabilize material during screening.

(iv) Stabilize material and surrounding area immediately after screening.

(v) Minimize transfer height.

(n) Staging areas.

(i) Limit visible dust opacity from vehicular operations.

(ii) Stabilize staging area soils during use.

(iii) Stabilize staging area soils at project completion.

(o) Stockpiling.

(i) Stabilize stockpile materials during and after handling.

(ii) Stabilize surface soils where support equipment and vehicles will operate.

(p) Trackout prevention and cleanup.

(i) Install and maintain trackout control devices in effective condition at all access points where paved and unpaved access or travel routes intersect.

(q) Traffic on unpaved routes and parking areas.

(i) Stabilize surface soils where support equipment and vehicles will operate.

(r) Trenching.

(i) Stabilize surface soils where trenching equipment, support equipment and vehicles will operate.

(ii) Stabilize soils after trenching.

(s) Truck loading.

(i) Empty loader bucket slowly and keep loader bucket close to the truck to minimize the drop height while dumping.

(ii) Stabilize surface soils where support equipment and vehicles will operate.

(5) The fugitive dust control plan must include contact information, site address, total area of disturbance, expected start and completion dates, identification of dust suppressant and plan certification by signature of a responsible person.

R307-309-7. Storage, Hauling and Handling of Aggregate Materials.

Any person owning, operating or maintaining a new or existing material storage, handling or hauling operation shall prevent, to the maximum extent possible, and in accordance with R307-309-6, material from being deposited onto any paved road other than a designated deposit site. Any such person who deposits materials that may create fugitive dust on a public or private paved road shall clean the road promptly.

R307-309-8. Construction and Demolition Activities.

Any person engaging in clearing or leveling of land with an area of one-quarter acre or more, earthmoving, excavating, construction, demolition, or moving trucks or construction equipment over cleared land or access haul roads shall prevent, to the maximum extent possible, and in accordance with R307-309-6, material from being deposited onto any paved road other than a designated deposit site. Any such person who deposits materials that may create fugitive dust on a public or private paved road shall clean the road promptly.

R307-309-9. Roads.

(1) Any person responsible for construction or maintenance of any existing road or having right-of-way easement or possessing the right to use the same whose activities result in fugitive dust from the road shall minimize fugitive dust to the maximum extent possible and in accordance with R307-309-6. Any such person who deposits materials that may create fugitive dust on a public or private paved road shall clean the road promptly.

(2) Unpaved Roads. Any person responsible for construction or maintenance of any new or existing unpaved road shall prevent, to the maximum extent possible, the deposit of material from the unpaved road onto any intersecting paved road during construction or maintenance. Any person who deposits materials that may create fugitive dust on a public or private paved road shall clean the road promptly.

R307-309-10. Mining Activities.

(1) In addition to the requirements under R307-309-1 through R307-309-6, [~~F~~]fugitive dust, construction activities, and roadways associated with mining activities are regulated under the provisions of R307-309-10 [~~and not by R307-309-6, 7, 8, 9, and 11~~].

(2) Any person who owns or operates a mining operation shall minimize fugitive dust as an integral part of site preparation, mining activities, and reclamation operations.

(3) The fugitive dust control measures to be used shall include:

(a) Periodic watering of unpaved roads or;

(b) Use of chemical stabilizers on unpaved roads or;

(c) Paving of roads.

(d) Immediate removal of coal, rock minerals, soil, and other dust-forming debris from roads and frequent scraping and compaction of unpaved roads to stabilize the road surface.

(e) Restricting the speed of vehicles in and around the mining operation,

(f) Revegetating, mulching, or otherwise stabilizing the surface of all areas adjoining roads that are a source of fugitive dust.

(g) Restricting the travel of vehicles on other than established roads.

(h) Enclosing, covering, watering, or otherwise treating loaded haul trucks and railroad cars, to minimize loss of material to wind and spillage.

(i) Substitution of conveyor systems for haul trucks and covering of conveyor systems when conveyed loads are subject to wind erosion.

(j) Minimizing the area of disturbed land.

(k) Prompt revegetation of regraded lands.

(l) Planting of special windbreak vegetation at critical points in the permit area.

(m) Control of dust from drilling, using water sprays, hoods, dust collectors or other controls approved by the director.

(n) Restricting the areas to be blasted at any one time.

(o) Reducing the period of time between initially disturbing the soil and revegetating or other surface stabilization.

(p) Restricting fugitive dust at spoil and coal transfer and loading points.

(q) Control of dust from storage piles through use of enclosures, covers, or stabilization and other equivalent methods or other techniques [~~as approved by the director, or~~

~~(r) Other techniques~~] as determined necessary by the director and upon concurrence by EPA.

[~~(4) Owners or operators shall submit a fugitive dust control plan [to the director on a form provided by the director or another format approved by the director.~~

~~(a) Activities regulated by R307-309-10 shall not commence before the fugitive dust control plan is approved by the director.~~

~~(b) A fugitive dust control plan that has been submitted to and accepted by the director prior to December 3, 2012, will fulfill the requirements of R307-309-10.~~

~~(c) Sources with an existing fugitive dust control plan that make site modifications that result in emission changes shall submit an updated fugitive dust control plan.~~

~~(d) The fugitive dust control plan shall include site location, contact information, plot plan, total area of land to be disturbed, sources of fugitive dust, types of dust suppressants, high wind contingency measures, treatments for preventing trackout controls and plan certification by signature of a responsible person.~~]

R307-309-11. Tailings Piles and Ponds.

(1) In addition to the requirements under R307-309-1 through R307-309-6, [~~F~~]fugitive dust, construction activities, and roadways associated with tailings piles and ponds are regulated under the provisions of R307-309-11 [~~and not by R307-309-6, 7, 8, 9, and 10~~].

(2) Any person owning or operating an existing tailings operation where fugitive dust results from grading, excavating, depositing, or natural erosion or other causes in association with such operation shall take steps to minimize fugitive dust from such activities. Such controls shall include:

(a) Watering or;

(b) Chemical stabilization or;

(c) Synthetic covers or;

(d) Vegetative covers or;

(e) Wind breaks or;

(f) A combination of R307-309-11(2)(a)-(e);

(g) Minimizing the area of disturbed tailings;
(h) Restricting the speed of vehicles in and around the tailings operation; or
([~~h~~]i) Other [~~equivalent methods or~~] techniques which may be approvable by the director and upon concurrence by EPA.
[~~(3) Owners or operators shall submit a fugitive dust control plan to the director.~~
~~(a) Activities regulated by R307-309-11 shall not commence before the fugitive dust control plan is approved by the director.~~
~~(b) A fugitive dust control plan that has been submitted to and accepted by the director prior to December 3, 2012, will fulfill the requirements of R307-309-11.~~
~~(c) Sources with an existing fugitive dust control plan that make site modifications that result in emission changes shall submit an updated fugitive dust control plan.~~
~~(d) The fugitive dust control plan shall include site location, contact information, plot plan, total area of land to be disturbed, sources of fugitive dust, types of dust suppressants, high wind contingency measures, treatments for preventing trackout controls and plan certification by signature of a responsible person.~~]

R307-309-12. Record Keeping.

All sources subject to R307-309-5(2) and (3) shall maintain records for two years demonstrating compliance with R307-309. These records shall be available to the director upon request.

[~~R307-309-13. Compliance Schedule.~~
~~(1) All sources within the applicable portions of Salt Lake County, Utah County and the city of Ogden shall be in compliance with R307-309 upon the effective date of this rule.~~
~~(2) All sources within the remaining areas described in R307-309-3(1) shall be in compliance with R307-309-4 through 9 and R307-309-12 within 30 days of the effective date of this rule and shall be in compliance with R307-309-10 and 11 within 90 days of the effectiveness of this rule.~~]

KEY: air pollution, fugitive dust
Date of Enactment or Last Substantive Amendment: January 1, 2013
Notice of Continuation: [~~February 5, 2015~~]2016
Authorizing, and Implemented or Interpreted Law: 19-2-101; 19-2-104; 19-2-109

NOTICE OF
PROPOSED RULE AMENDMENT

- The agency identified below in box 1 provides notice of proposed rule change pursuant to Utah Code Section 63G-3-301.
- Please address questions regarding information on this notice to the agency.
- The full text of all rule filings is published in the Utah State Bulletin unless excluded because of space constraints.
- The full text of all rule filings may also be inspected at the Office of Administrative Rules.

Rule Information

DAR file no: Date filed:
State Admin Rule Filing Key: 158736
Utah Admin. Code ref. (R no.): R307-309

Agency Information

1. Agency: ENVIRONMENTAL QUALITY - Air Quality

Room no.: Fourth Floor
Building:
Street address 1: 195 N 1950 W
Street address 2:
City, state, zip: SALT LAKE CITY UT 84116-3085
Mailing address 1: PO BOX 144820
Mailing address 2:
City, state, zip: SALT LAKE CITY UT 84114-4820

Contact person(s):

Name:	Phone:	Fax:	E-mail:	Remove:
Ryan Stephens	801-536-4419	801-536-0085	rstephens@utah.gov	

(Interested persons may inspect this filing at the above address or at DAR during business hours)

Rule Title

2. Title of rule or section (catchline):
Nonattainment and Maintenance Areas for PM10 and PM2.5: Fugitive Emissions and Fugitive Dust.

Notice Type

3. Type of notice: Amendment

Rule Purpose

4. Purpose of the rule or reason for the change:
   The purpose of this rule change is to provide clarity on the meaning of the applicability section and the methods of compliance. All changes are being proposed so that the rule will be eligible for EPA approval into the Utah State Implementation Plan (SIP).

Response Information

5. This change is a response to comments by the Administrative Rules Review Committee.
   ◉ No ○ Yes

Rule Summary

6. Summary of the rule or change:
   The rule is being changed to add an affirmative requirement that sources keep compliance records for a period of two years. Other changes to the rule include: (1) Language that was added to R307-309-3 to emphasize that the rule applies to fugitive dust sources one-quarter acre or greater; (2) a clarification on the method for observing fugitive emissions that allows people to observe emissions at varying lengths of duration, not just six minutes; (3) and an explicit statement that fugitive dust plans are still required for the activities mentioned in R307-309-7 through R307-309-11. These numbered changes mainly add clarity to the rule, and they do not change the way that the Division has previously interpreted those sections.

Aggregate Cost Information

7. Aggregate anticipated cost or savings to:

A) State budget:

Affected: ◉ No ○ Yes

There is no anticipated cost or savings to the State budget because the only new requirement for third parties (including the state) is to keep records of compliance for two years. This will not add any costs because the sources were already required to keep records to demonstrate compliance. Previously, there was no limit on the amount of time that sources had to maintain records. However, most sources already kept the records for two years because that is the statute of limitations for the Utah Environmental Code (U.C.A. 78B-2-307.5). Therefore, there is no predicted change in the cost as a result of this rule change.

B) Local government:

Affected: ◉ No ○ Yes

There is no anticipated cost or savings to local governments because the only new requirement for third parties (including local governments) is to keep records of compliance for two years. This will not add any costs because the sources were already required to keep records to demonstrate compliance. Previously, there was no limit on the amount of time that sources had to maintain records. However, most sources already kept the records for two years because that is the statute of limitations for the Utah Environmental Code (U.C.A. 78B-2-307.5). Therefore, there is no predicted change in the cost as a result of this rule change.

C) Small businesses:

Affected: ◉ No ○ Yes

("small business" means a business employing fewer than 50 persons)

There is no anticipated cost or savings to small businesses because the only new requirement for third parties is to keep records of compliance for two years. This will not add any costs because the sources were already required to keep records to demonstrate compliance. Previously, there was no limit on the amount of time that sources had to maintain records. However, most sources already kept the records for two years because that is the statute of limitations for the Utah Environmental Code (U.C.A. 78B-2-307.5). Therefore, there is no predicted change in the cost as a result of this rule change.

D) Persons other than small businesses, businesses, or local government entities:

Affected: ◉ No ○ Yes

("person" means any individual, partnership, corporation, association, governmental entity, or public or private organization of any character other than an agency)

There is no anticipated cost or savings to people other than small business, businesses, or local governments because the only new requirement for third parties is to keep records of compliance for two years. This will not add any costs because the sources were already required to keep records to demonstrate compliance. Previously, there was no limit on the amount of time that sources had to maintain records. However, most sources already kept the records for two years because that is the statute of limitations for the Utah Environmental Code (U.C.A. 78B-2-307.5). Therefore, there is no predicted change in the cost as a result of this rule change.

Compliance Cost Information

8. Compliance costs for affected persons:
   There is no compliance cost for affected persons as a result of this rule change because the sources already were required to keep records for compliance for at least two years. Now the sources are able to dispose of the records after two years. This does not add any compliance costs.

Department Head Comments

9. A) Comments by the department head on the fiscal impact the rule may have on businesses:
   There is no anticipated cost or savings businesses because the only new requirement for third parties is to keep records of compliance for two years. This will not add any costs because the sources were already required to keep records to demonstrate compliance. Previously, there was no limit on the amount of time that sources had to maintain records. However, most sources already kept the records for two years because that is the statute of limitations for the Utah Environmental Code (U.C.A. 78B-2-307.5). Therefore, there is no predicted change in the cost as a result of this rule change.
   B) Name and title of department head commenting on the fiscal impacts:
   Alan Matheson, Executive Director

Citation Information

10. This rule change is authorized or mandated by state law, and implements or interprets the following state and federal laws.
    State code or constitution citations (required) (e.g., Section 63G-3-402; Subsection 63G-3-601(3); Article IV) :
    19-2-104

Incorporated Materials

11. This rule adds, updates, or removes the following title of materials incorporated by reference (a copy of materials incorporated by reference must be submitted to DAR; if none, leave blank) :

Official Title of Materials Incorporated (from title page)	
Publisher	
Date Issued (mm/dd/yyyy)	
Issue, or version (including partial dates)	
ISBN Number	
ISSN Number	
Cost of Incorporated Reference	
Adds, updates, removes	-- SELECT ONE --

Comments

12. The public may submit written or oral comments to the agency identified in box 1. (The public may also request a hearing by submitting a written request to the agency. The agency is required to hold a hearing if it receives requests from ten interested persons or from an association having not fewer than ten members. Additionally, the request must be received by the agency not more than 15 days after the publication of this rule in the Utah State Bulletin. See Section 63G-3-302 and Rule R15-1 for more information.)

A) Comments will be accepted until 5:00 p.m. on (mm/dd/yyyy) : 07/03/2017

B) A public hearing (optional) will be held:

On (mm/dd/yyyy): At (hh:mm AM/PM): At (place):

Proposed Effective Date

13. This rule change may become effective on (mm/dd/yyyy): 07/10/2017

NOTE: The date above is the date on which this rule MAY become effective. It is NOT the effective date. After a minimum of seven days following the date designated in Box 12(A) above, the agency must submit a Notice of Effective Date to the Office of Administrative Rules to make this rule effective. Failure to submit a Notice of Effective Date will result in this rule lapsing and will require the agency to start the rulemaking process over.

Indexing Information

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air pollution, fugitive dust

File Information

15. Attach an RTF document containing the text of this rule change (filename):

No document is associated with this filing.

To the Agency

Information requested on this form is required by Sections 63G-3-301, 302, 303, and 402. Incomplete forms will be returned to the agency for completion, possibly delaying publication in the Utah State Bulletin, and delaying the first possible effective date.

Agency Authorization

Agency head or designee, and title: Bryce Bird Director

Date (mm/dd/yyyy): 04/18/2017

ITEM 8

Air Toxics Compliance Monitoring

State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQA-160-17

M E M O R A N D U M

TO: Air Quality Board

FROM: Bryce C. Bird, Executive Secretary

DATE: March 2, 2017

SUBJECT: Air Toxics, Lead-Based Paint, and Asbestos (ATLAS) Section Compliance Activities – February 2017

Asbestos Demolition/Renovation NESHAP Inspections	27
Asbestos AHERA Inspections	22
Asbestos State Rules Only Inspections	3
Asbestos Notification Forms Accepted	154
Asbestos Telephone Calls Answered	170
Asbestos Individuals Certifications Approved/Disapproved	40/0
Asbestos Company Certifications/Re-Certifications	1/8
Asbestos Alternate Work Practices Approved/Disapproved	13/0
Lead-Based Paint (LBP) Inspections	6
LBP Notification Forms Approved	0
LBP Telephone Calls Answered	29
LBP Letters Prepared and Mailed	21
LBP Courses Reviewed/Approved	0/0
LBP Course Audits	4
LBP Individual Certifications Approved/Disapproved	17/0
LBP Firm Certifications	10

Notices of Violation Issued	0
Compliance Advisories Issued	13
Warning Letters Issued	7
Settlement Agreements Finalized	1
Penalties Agreed to:	
Mr. Window	$1,406.25

State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQA-259-17

M E M O R A N D U M

TO: Air Quality Board

FROM: Bryce C. Bird, Executive Secretary

DATE: April 4, 2017

SUBJECT: Air Toxics, Lead-Based Paint, and Asbestos (ATLAS) Section Compliance Activities – March 2017

Asbestos Demolition/Renovation NESHAP Inspections	42
Asbestos AHERA Inspections	33
Asbestos State Rules Only Inspections	2
Asbestos Notification Forms Accepted	206
Asbestos Telephone Calls Answered	325
Asbestos Individuals Certifications Approved/Disapproved	98/0
Asbestos Company Certifications/Re-Certifications	2/12
Asbestos Alternate Work Practices Approved/Disapproved	10/0
Lead-Based Paint (LBP) Inspections	12
LBP Notification Forms Approved	0
LBP Telephone Calls Answered	33
LBP Letters Prepared and Mailed	7
LBP Courses Reviewed/Approved	0/0
LBP Course Audits	1
LBP Individual Certifications Approved/Disapproved	22/0
LBP Firm Certifications	25

Notices of Violation Issued	0
Compliance Advisories Issued	8
Warning Letters Issued	5
Settlement Agreements Finalized	1
Penalties Agreed to:	
Onsite Development, Inc.	$2,125.00

State of Utah
GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQC-368-17

M E M O R A N D U M

TO: Air Quality Board

FROM: Bryce C. Bird, Executive Secretary

DATE: March 16, 2017

SUBJECT: Compliance Activities – February 2017

Annual Inspections Conducted:

Major	4
Synthetic Minor	3
Minor	13

On-Site Stack Test Audits Conducted: 4

Stack Test Report Reviews: 15

On-Site CEM Audits Conducted: 0

Emission Reports Reviewed: 13

Temporary Relocation Requests Reviewed & Approved: 6

Fugitive Dust Control Plans Reviewed & Accepted: 100

Soil Remediation Report Reviews: 2

[1]Miscellaneous Inspections Conducted: 14

Complaints Received: 31

Breakdown Reports Received: 2

Compliance Actions Resulting From a Breakdown..... 0

Warning Letters Issued:..... 4

Notices of Violation Issued:..... 0

Compliance Advisories Issued:..... 3

Settlement Agreements Reached:..... 3

Intrepid Potash..... $5,100
EP Energy..... $2,755
Quality Crushing..... $807

[1]Miscellaneous inspections include, e.g., surveillance, level I inspections, VOC inspections, complaints, on-site training, dust patrol, smoke patrol, open burning, etc.

State of Utah

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQC-482-17

M E M O R A N D U M

TO: Air Quality Board

FROM: Bryce C. Bird, Executive Secretary

DATE: April 12, 2017

SUBJECT: Compliance Activities – March 2017

Annual Inspections Conducted:

Major	13
Synthetic Minor	3
Minor	27

On-Site Stack Test Audits Conducted: 7

Stack Test Report Reviews: 54

On-Site CEM Audits Conducted: 9

Emission Reports Reviewed: 2

Temporary Relocation Requests Reviewed & Approved: 17

Fugitive Dust Control Plans Reviewed & Accepted: 194

Soil Remediation Report Reviews: 0

[1]Miscellaneous Inspections Conducted: 0

Complaints Received: 2

Breakdown Reports Received: 4

195 North 1950 West • Salt Lake City, Utah
Mailing Address: P.O. Box 144820 • Salt Lake City, Utah 84114-4820
Telephone (801) 536-4000 • Fax (801)536-4099 • T.D.D. (801) 903-3978
www.deq.utah.gov
Printed on 100% recycled paper

Compliance Actions Resulting From a Breakdown..... 0

Warning Letters Issued: 2

Notices of Violation Issued:..... 0

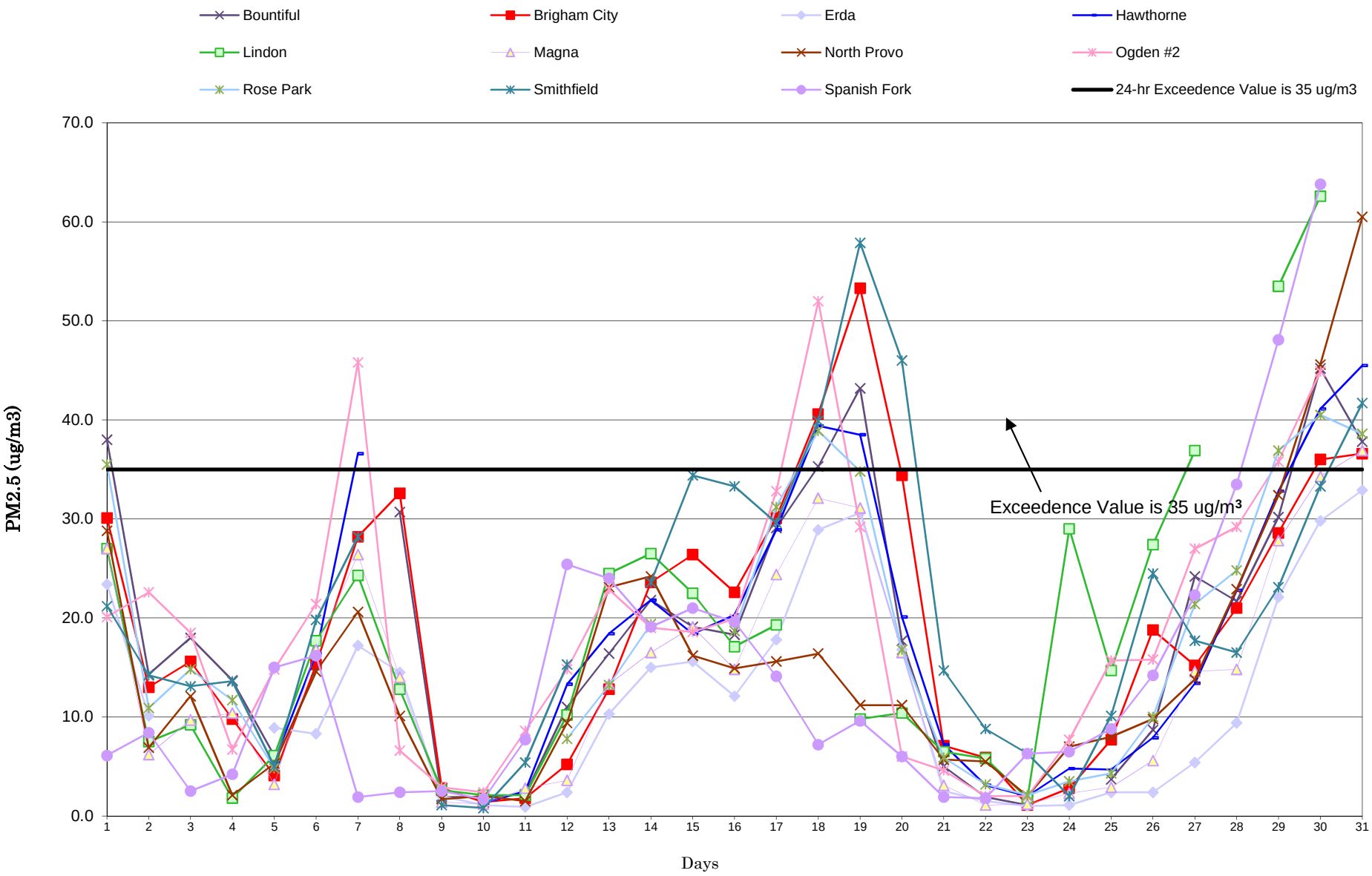
Compliance Advisories Issued:..... 7

Settlement Agreements Reached: 1

Water Disposal, Inc.....$11,200

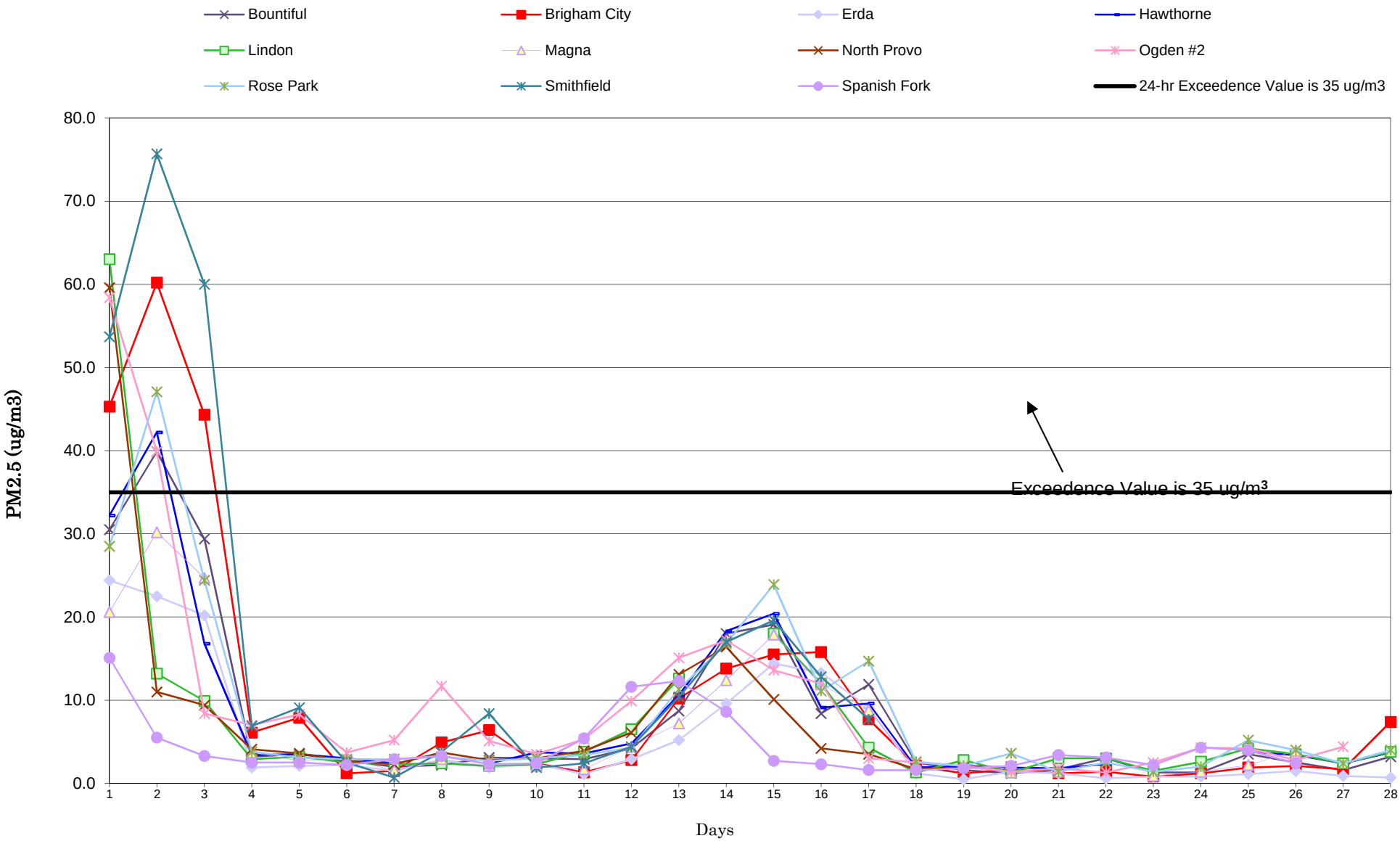
[1]Miscellaneous inspections include, e.g., surveillance, level I inspections, VOC inspections, complaints, on-site training, dust patrol, smoke patrol, open burning, etc.

Utah 24-Hr PM2.5 Data January 2017



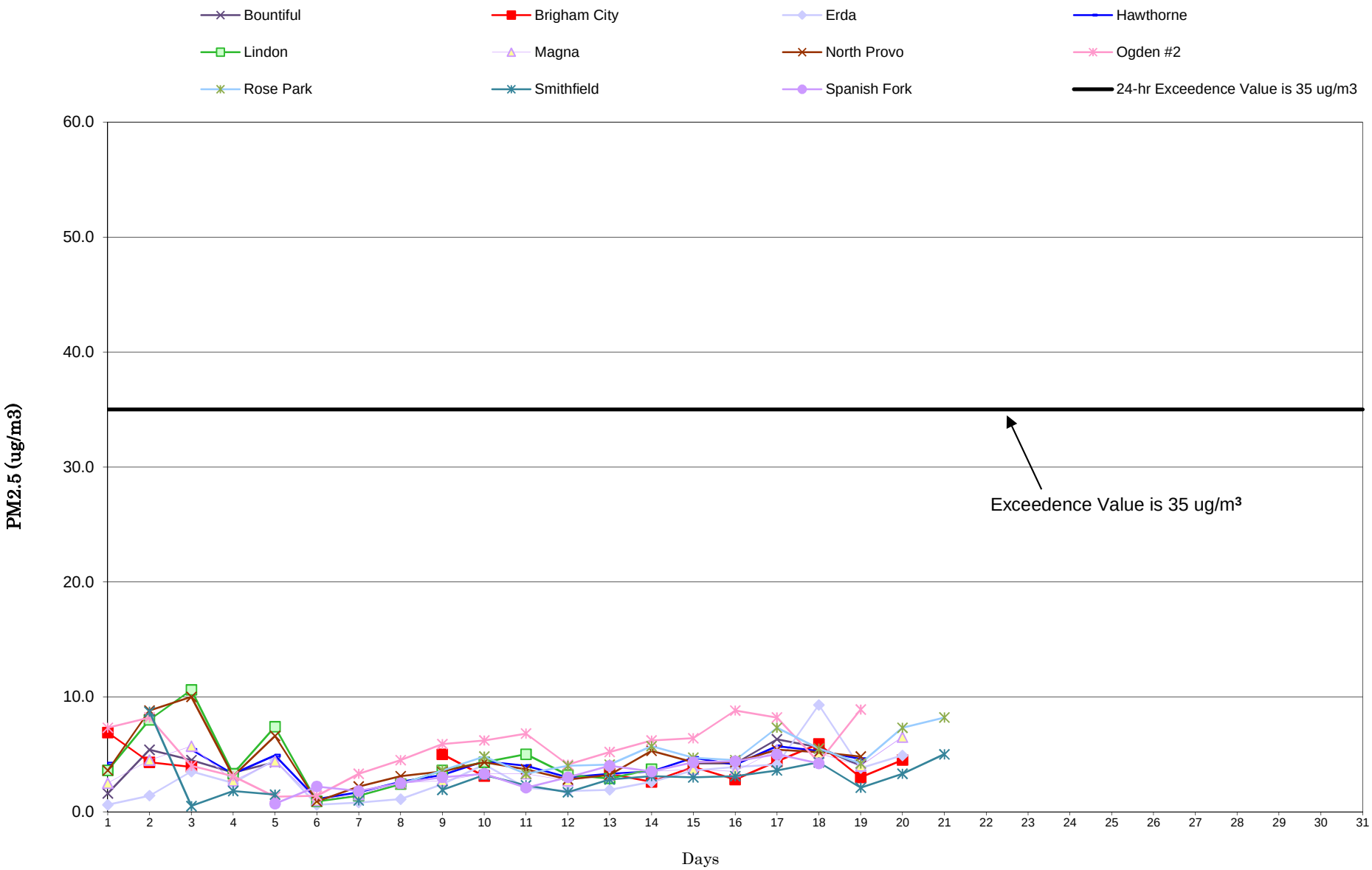
Utah Division of Air Quality

Utah 24-Hr PM2.5 Data February 2017



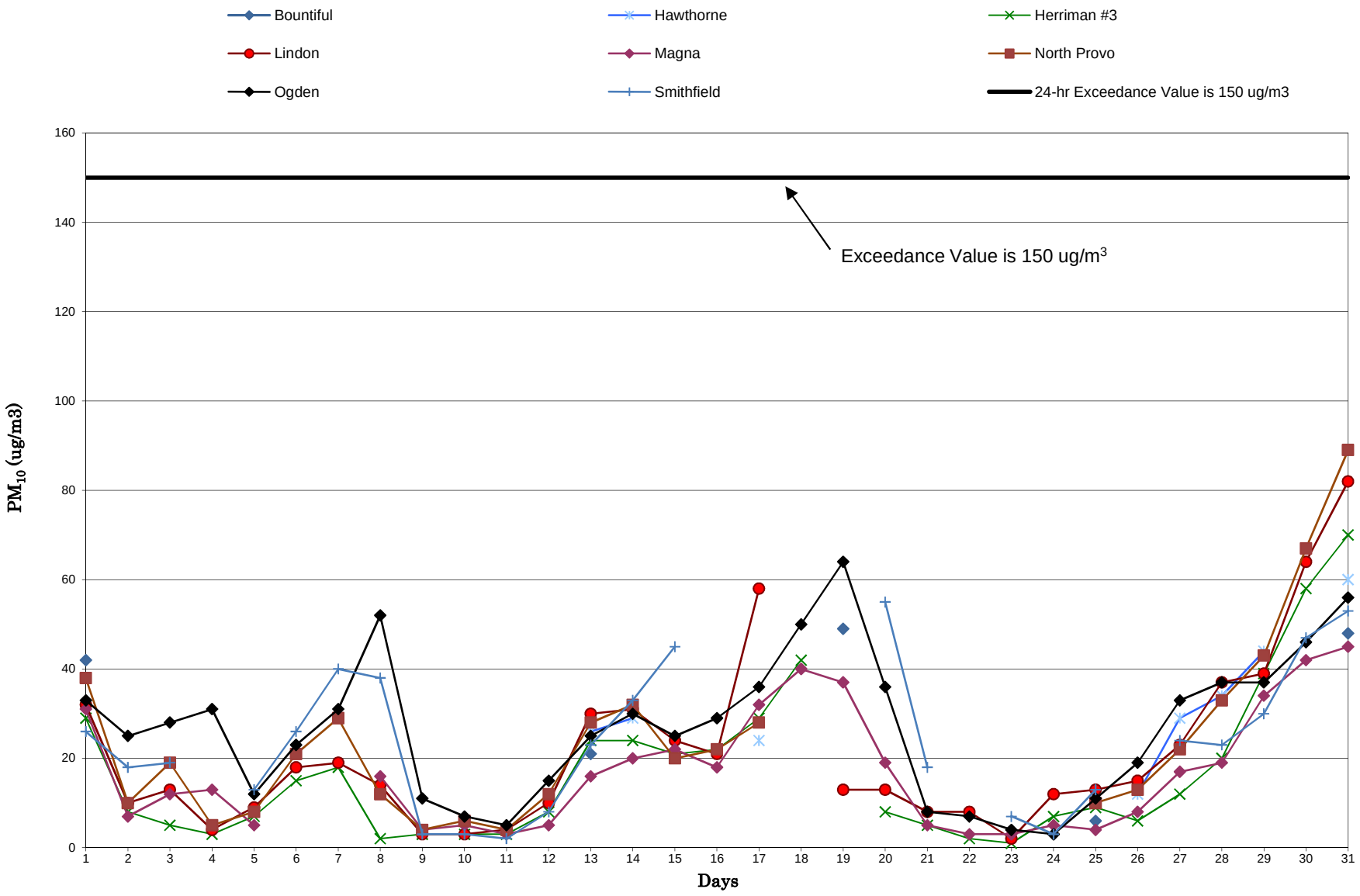
Utah Division of Air Quality

Utah 24-Hr PM2.5 Data March 2017



Utah Division of Air Quality

Utah 24-hr PM_{10} Data January 2017



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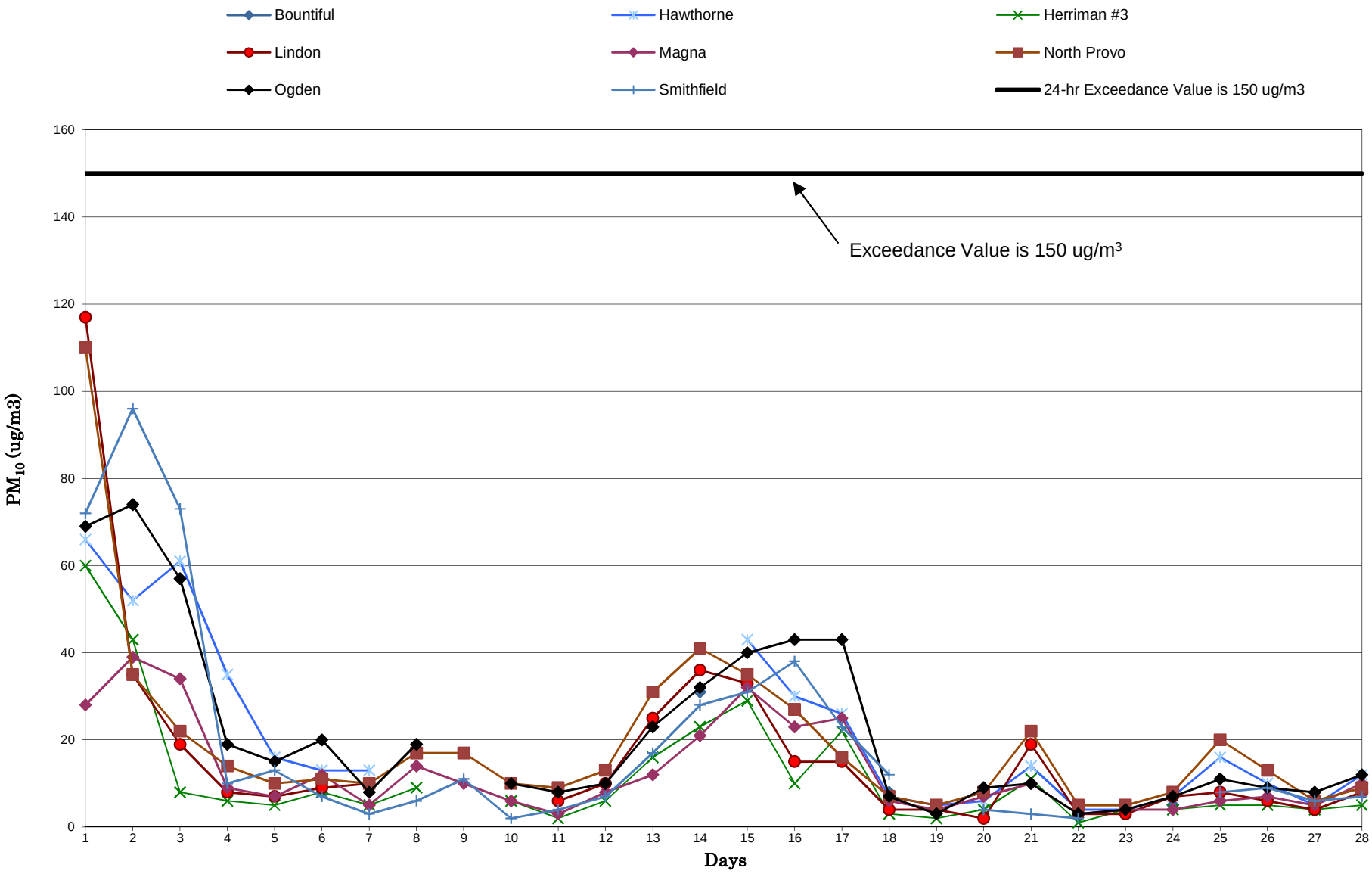

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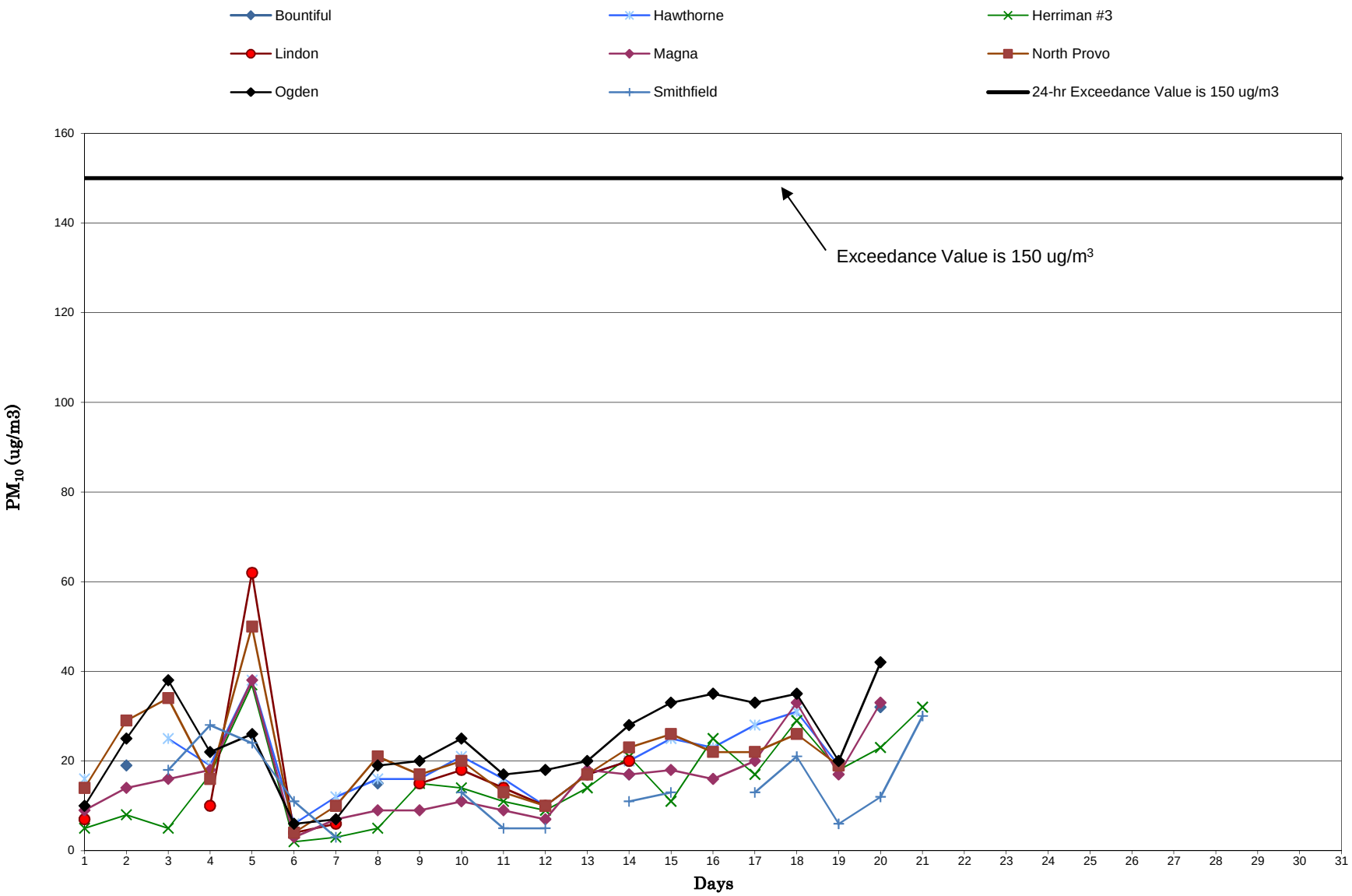
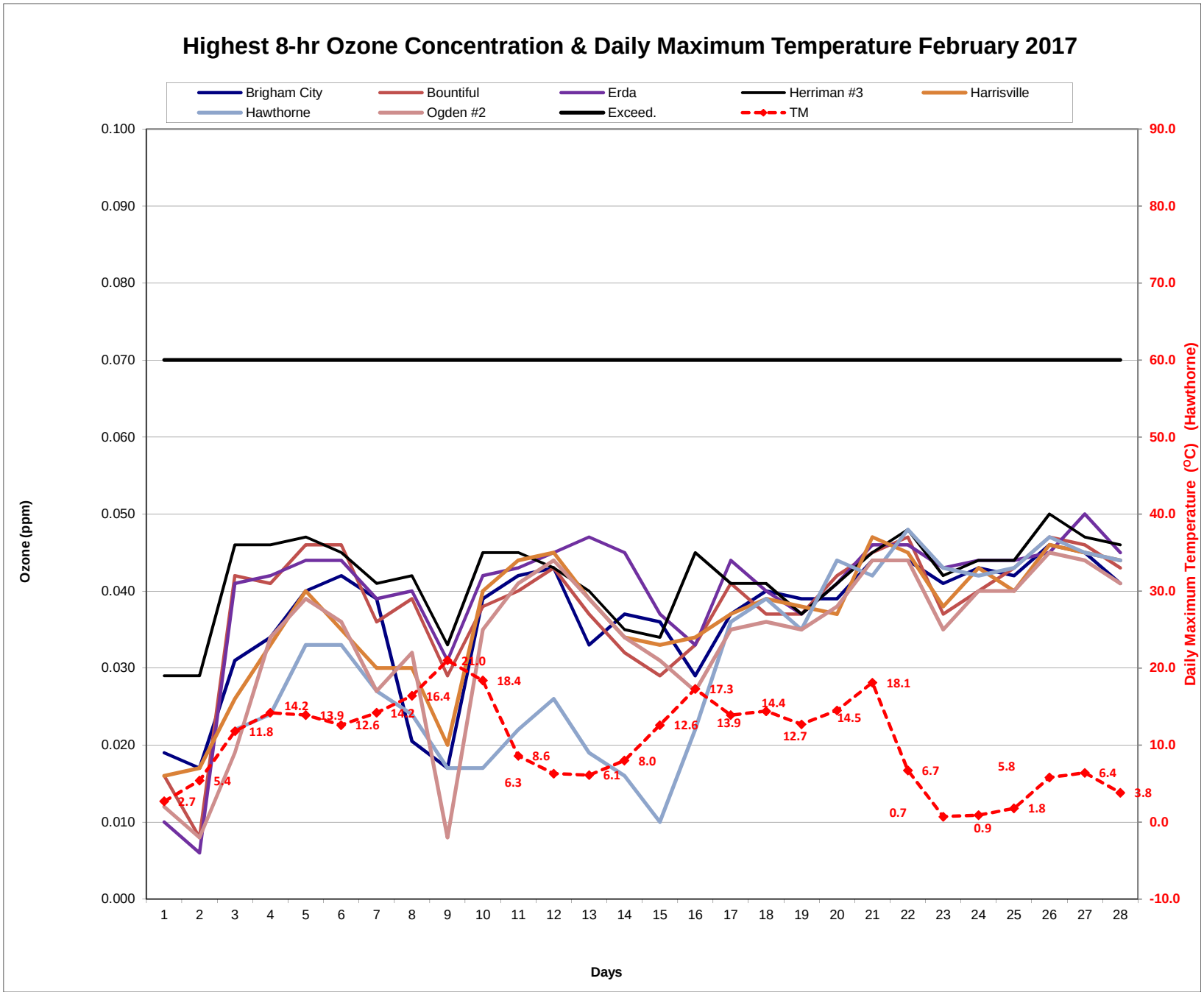
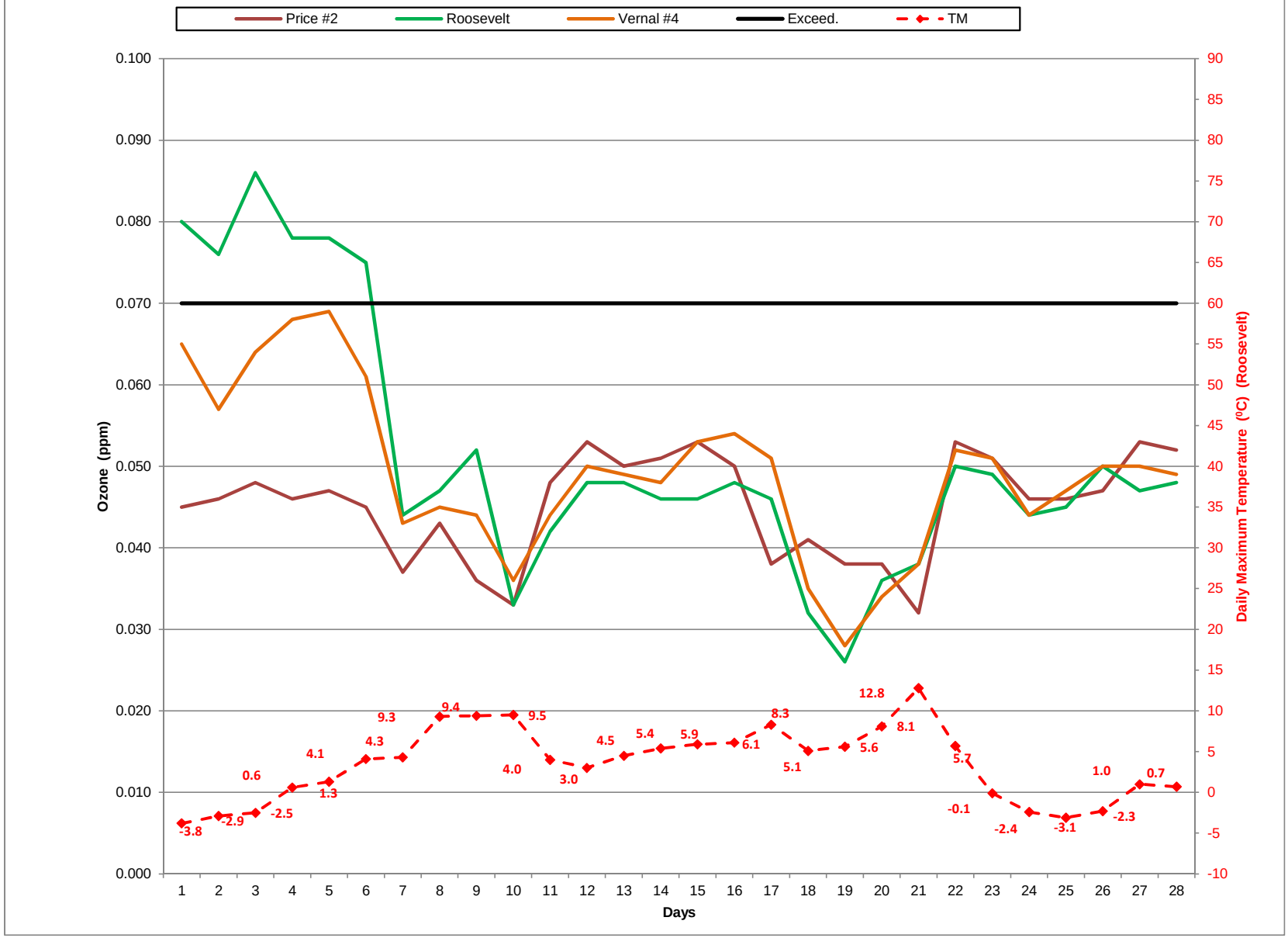
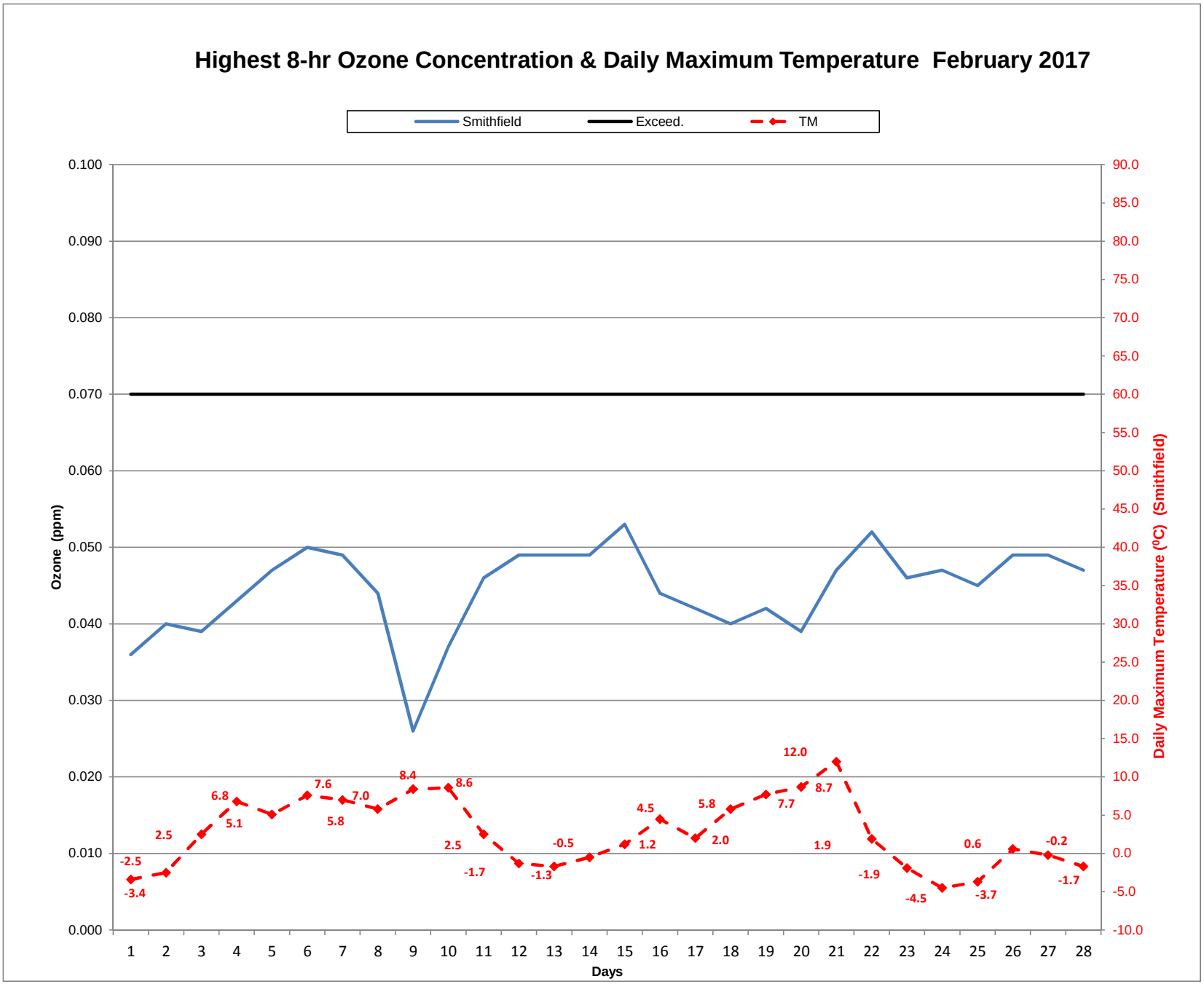
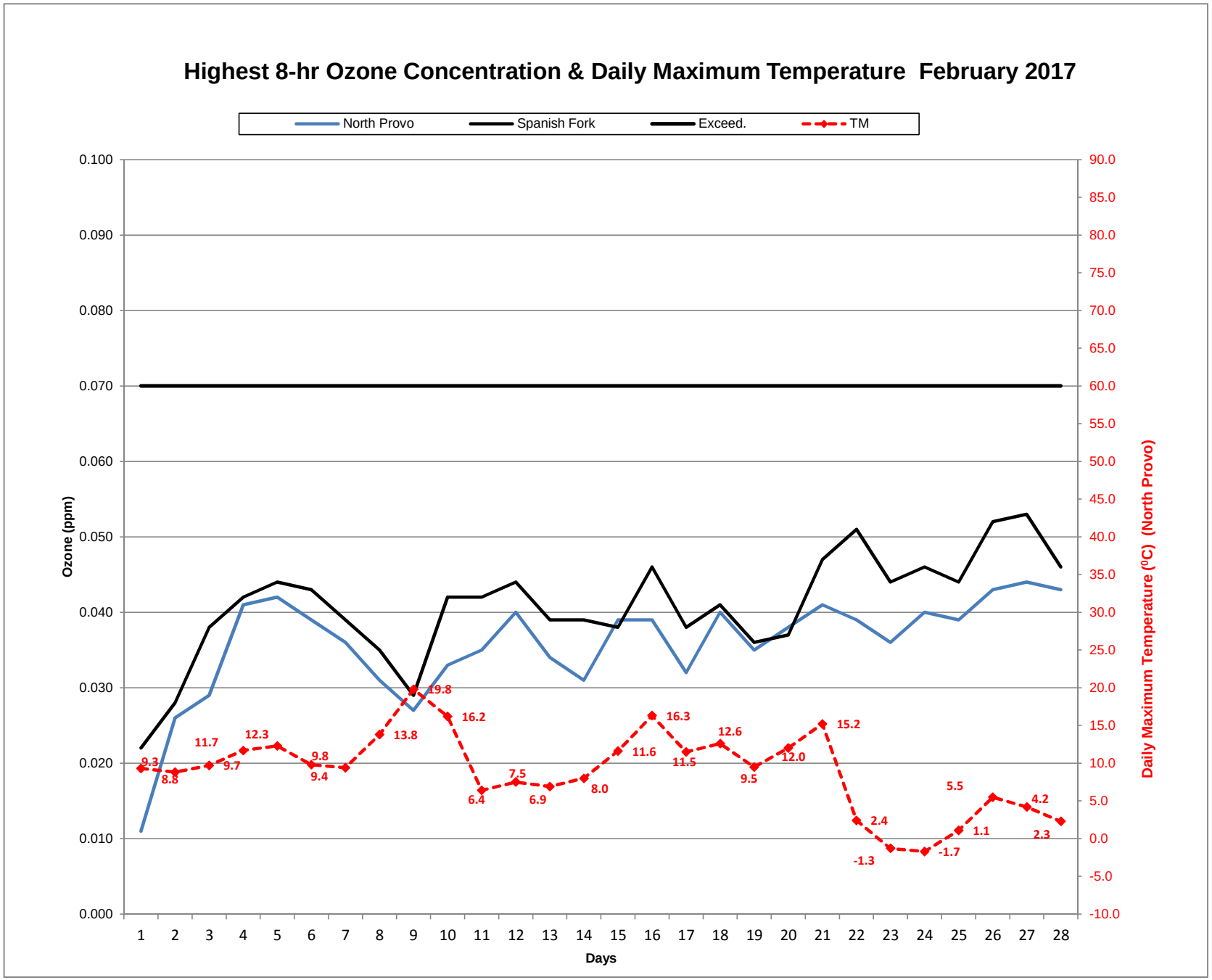



Highest 8-hr Ozone Concentration & Daily Maximum Temperature February 2017
Brigham City
Bountiful
Erda
Herriman #3
Harrisville
Hawthorne
Ogden #2
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (°C) (Hawthorne)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
2.7
5.4
11.8
14.2
13.9
12.6
14.2
16.4
21.0
18.4
8.6
6.3
6.1
8.0
12.6
17.3
13.9
14.4
12.7
14.5
18.1
6.7
0.7
0.9
1.8
5.8
6.4
3.8

Highest 8-hr Ozone Concentration & Daily Maximum Temperature February 2017




Highest 8-hr Ozone Concentration & Daily Maximum Temperature February 2017
Smithfield
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (⁰C) (Smithfield)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
90.0
85.0
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
-2.5
-3.4
2.5
6.8
5.1
7.6
5.8
7.0
8.4
2.5
8.6
-1.7
-1.3
-0.5
1.2
4.5
2.0
5.8
7.7
12.0
8.7
1.9
-1.9
-4.5
0.6
-3.7
-0.2
-1.7


Highest 8-hr Ozone Concentration & Daily Maximum Temperature February 2017
North Provo
Spanish Fork
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (°C) (North Provo)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
90.0
85.0
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
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-5.0
-10.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
9.3
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9.4
13.8
19.8
16.2
6.4
7.5
6.9
8.0
11.6
16.3
11.5
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12.0
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-1.3
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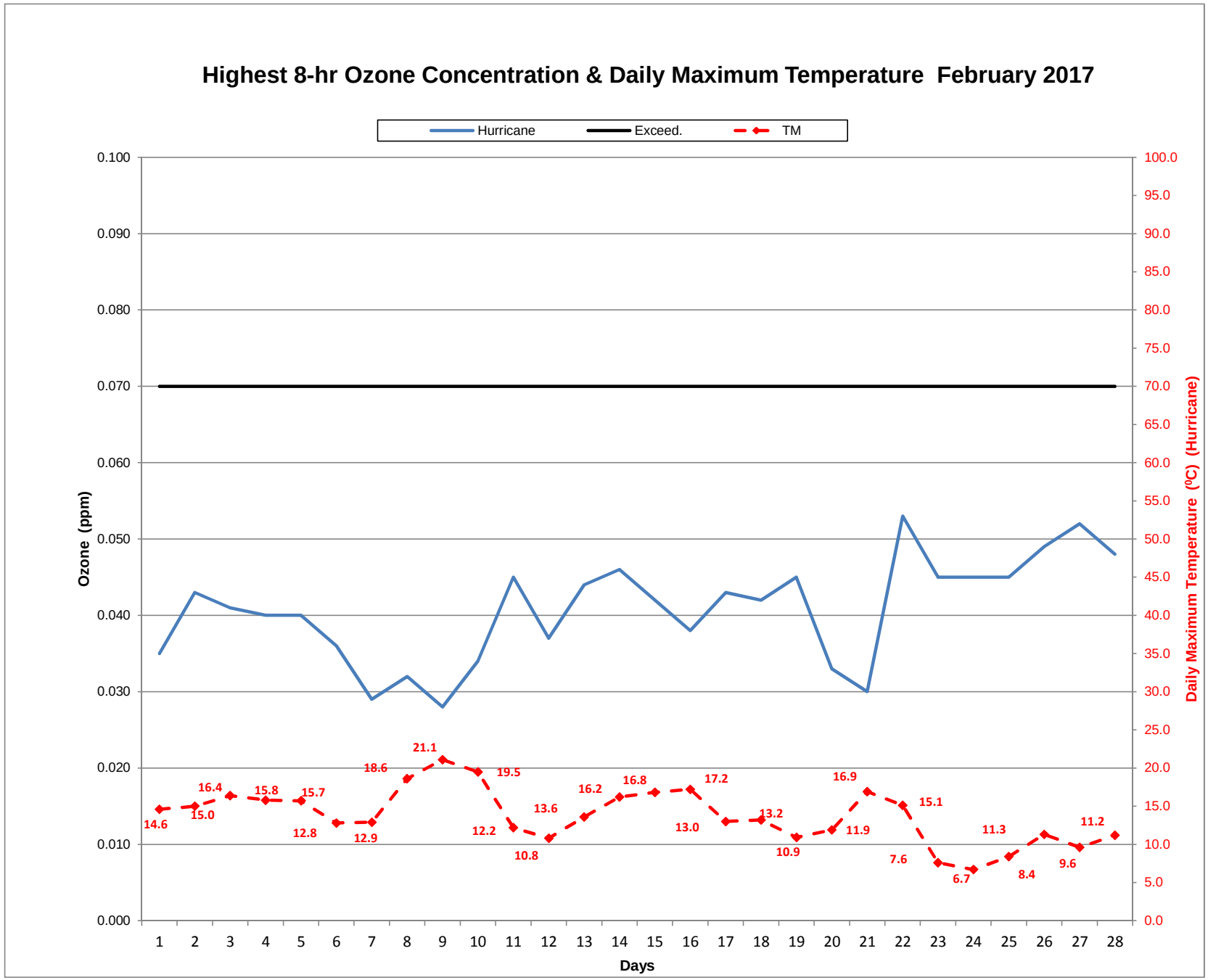
1.1
4.2
2.3


Highest 8-hr Ozone Concentration & Daily Maximum Temperature February 2017
Hurricane
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (ºC) (Hurricane)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
100.0
95.0
90.0
85.0
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
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35.0
30.0
25.0
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
14.6
15.0
16.4
15.8
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18.6
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19.5
10.8
13.6
16.2
16.8
13.0
17.2
13.2
10.9
11.9
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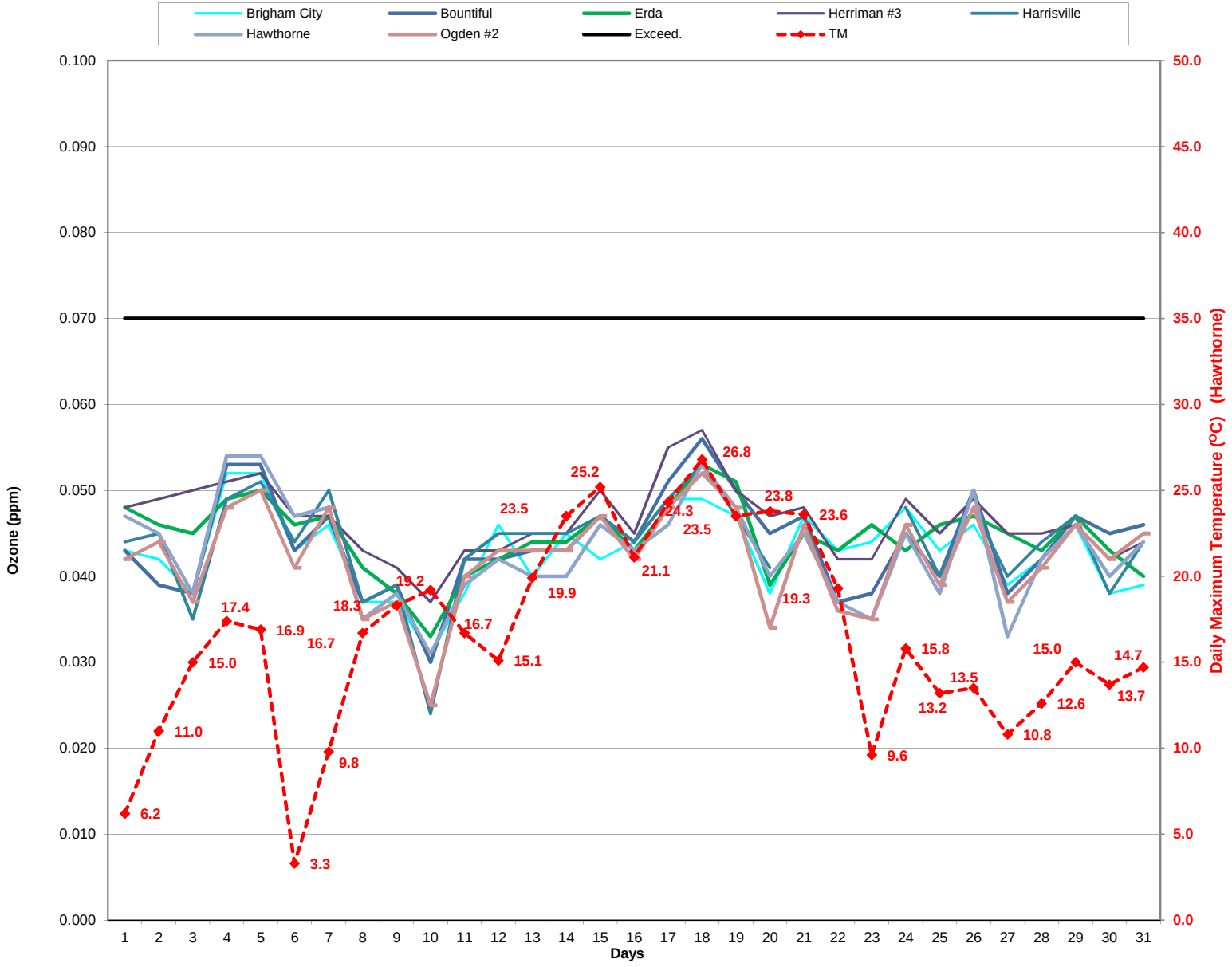
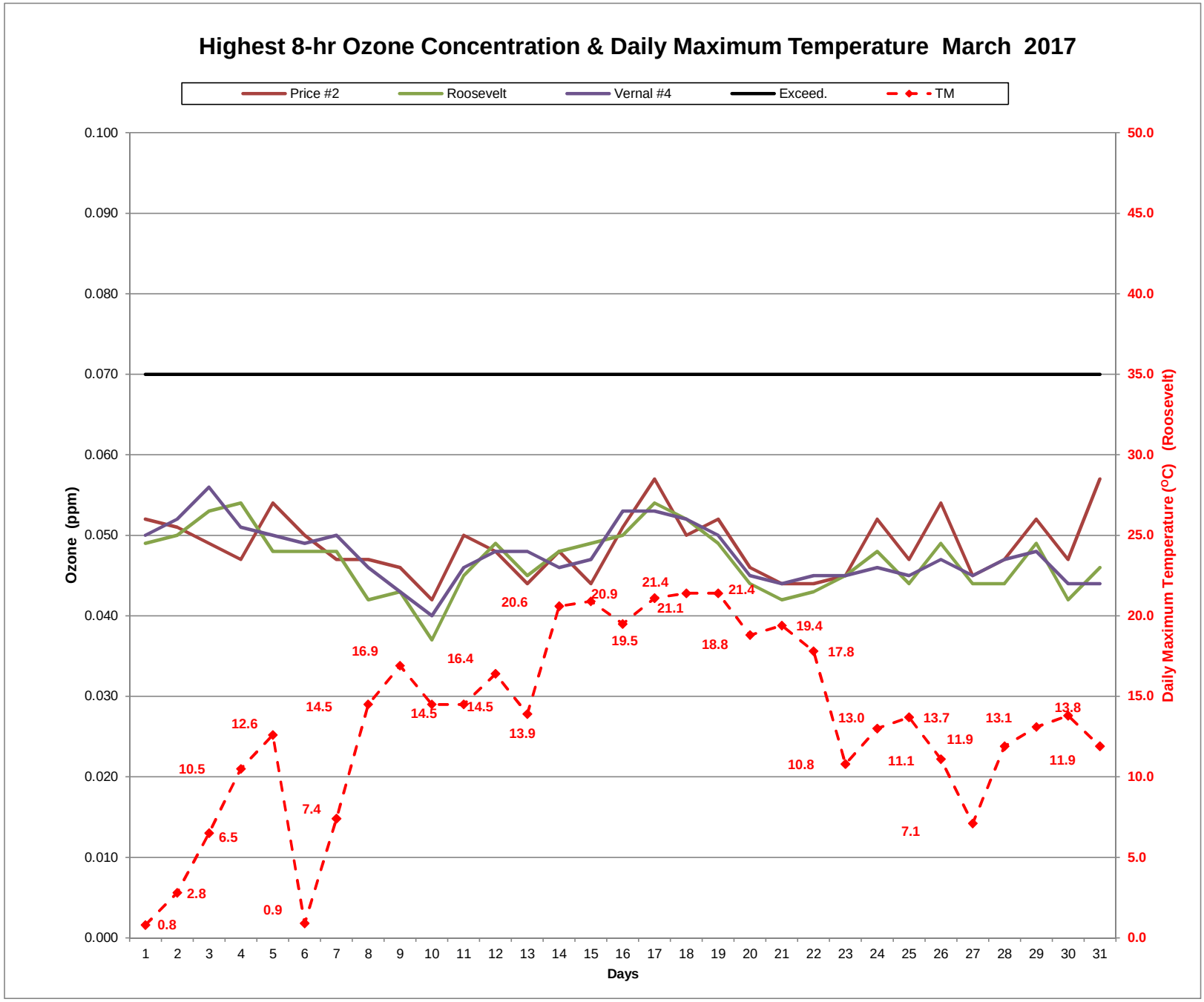
8.4
9.6
11.2

Highest 8-hr Ozone Concentration & Daily Maximum Temperature March 2017




Highest 8-hr Ozone Concentration & Daily Maximum Temperature March 2017
Price #2
Roosevelt
Vernal #4
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (°C) (Roosevelt)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
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45.0
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35.0
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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6.5
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16.9
14.5
16.4
14.5
13.9
20.6
20.9
19.5
21.4
21.1
18.8
21.4
19.4
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13.0
11.1
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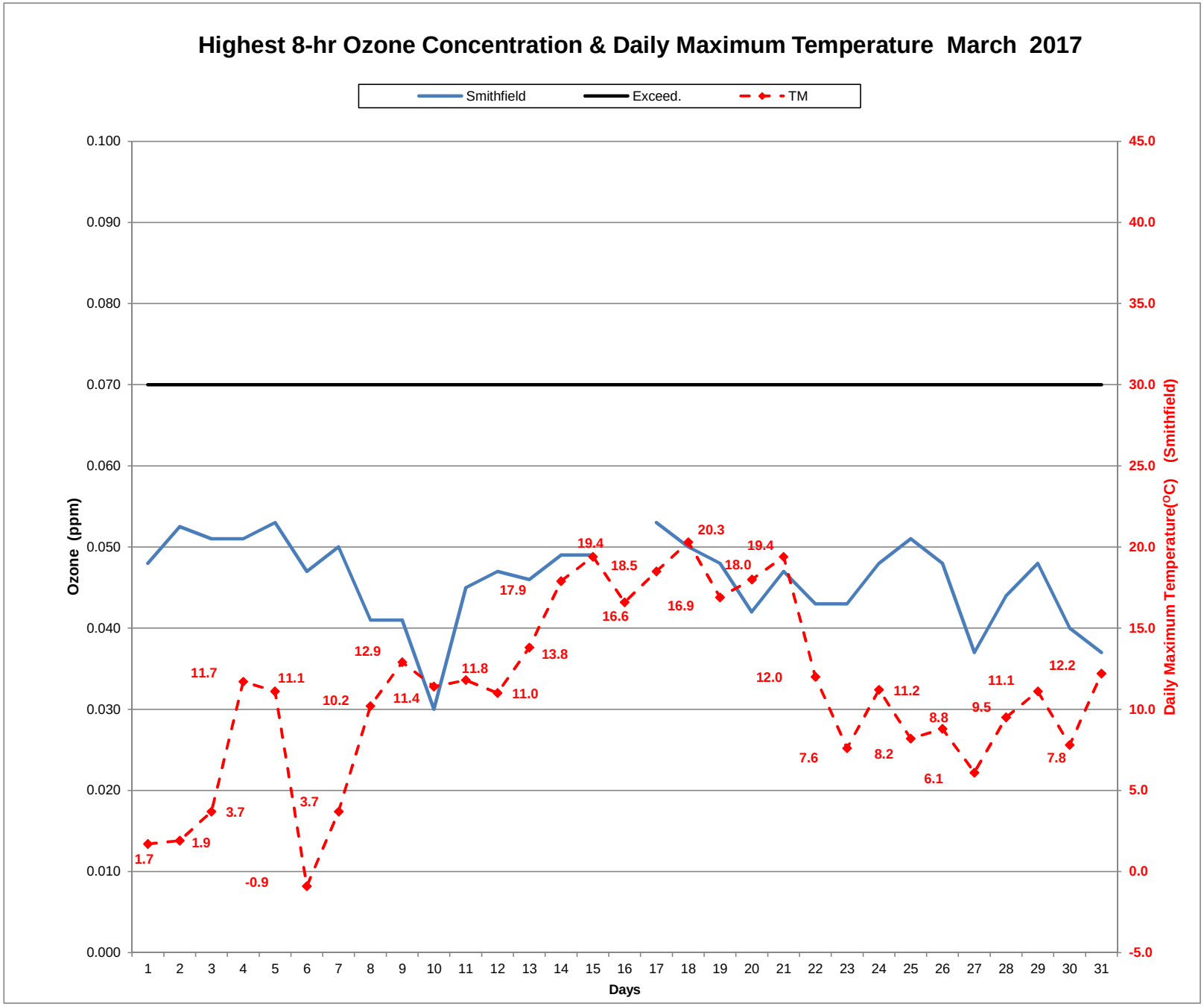
11.9
13.1
11.9
13.8


Highest 8-hr Ozone Concentration & Daily Maximum Temperature March 2017
Smithfield
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature(°C) (Smithfield)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
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40.0
35.0
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15.0
10.0
5.0
0.0
-5.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
1.7
1.9
3.7
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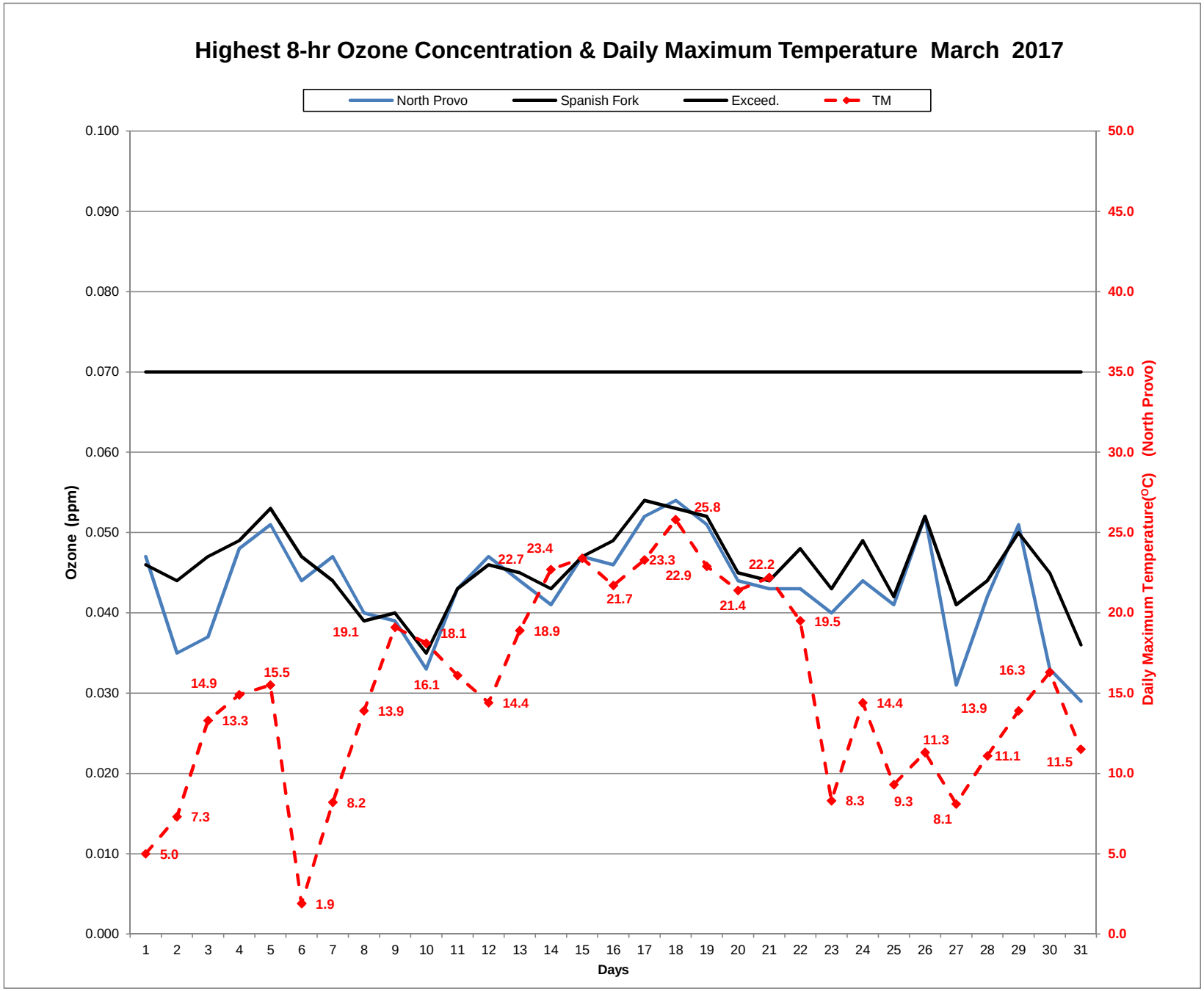
Highest 8-hr Ozone Concentration & Daily Maximum Temperature March 2017
North Provo
Spanish Fork
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature(°C) (North Provo)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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8.2
19.1
13.9
16.1
18.1
14.4
22.7
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18.9
21.7
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25.8
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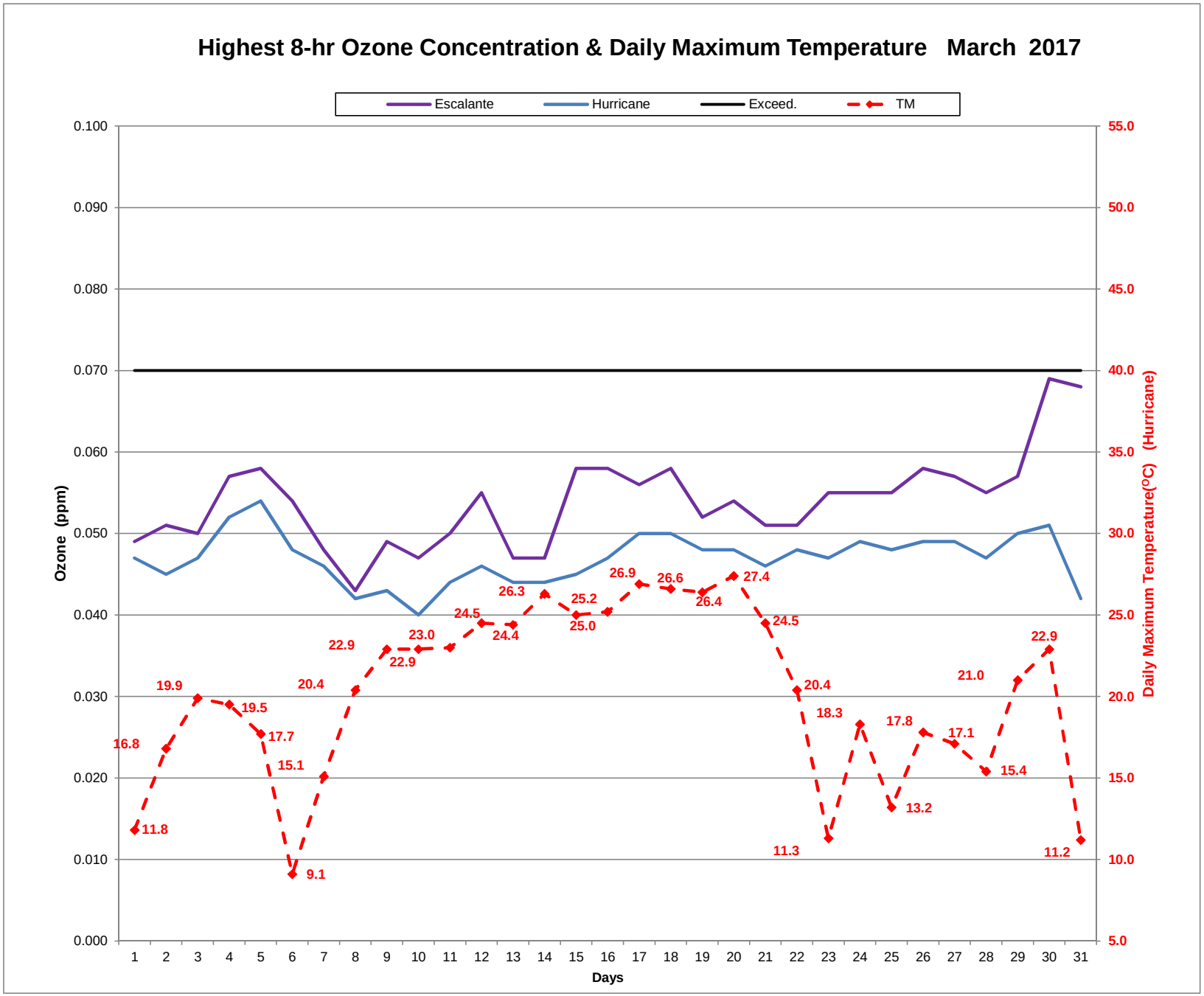
16.3
11.1
11.5


Highest 8-hr Ozone Concentration & Daily Maximum Temperature March 2017
Escalante
Hurricane
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature(°C) (Hurricane)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
55.0
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
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5.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
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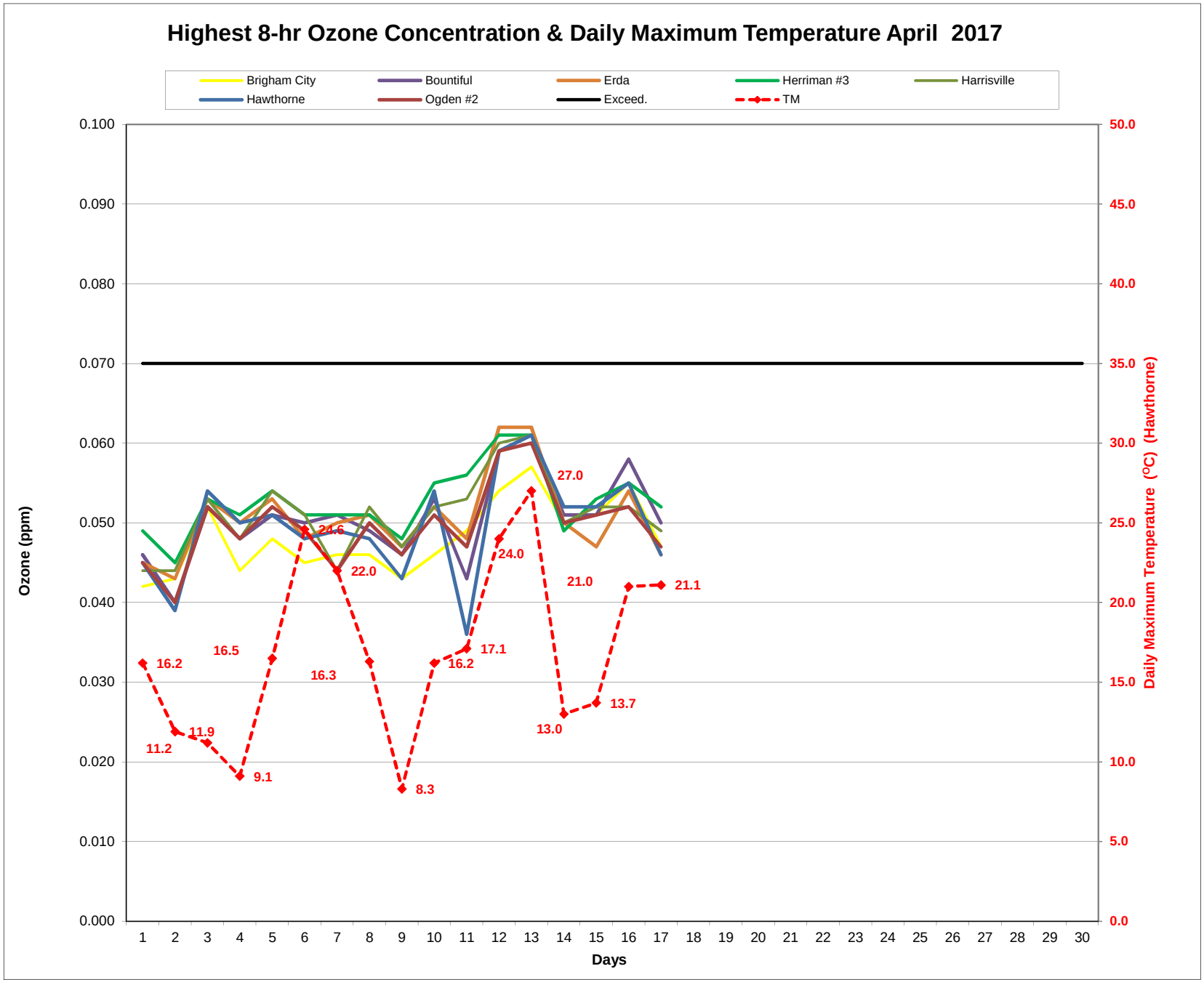
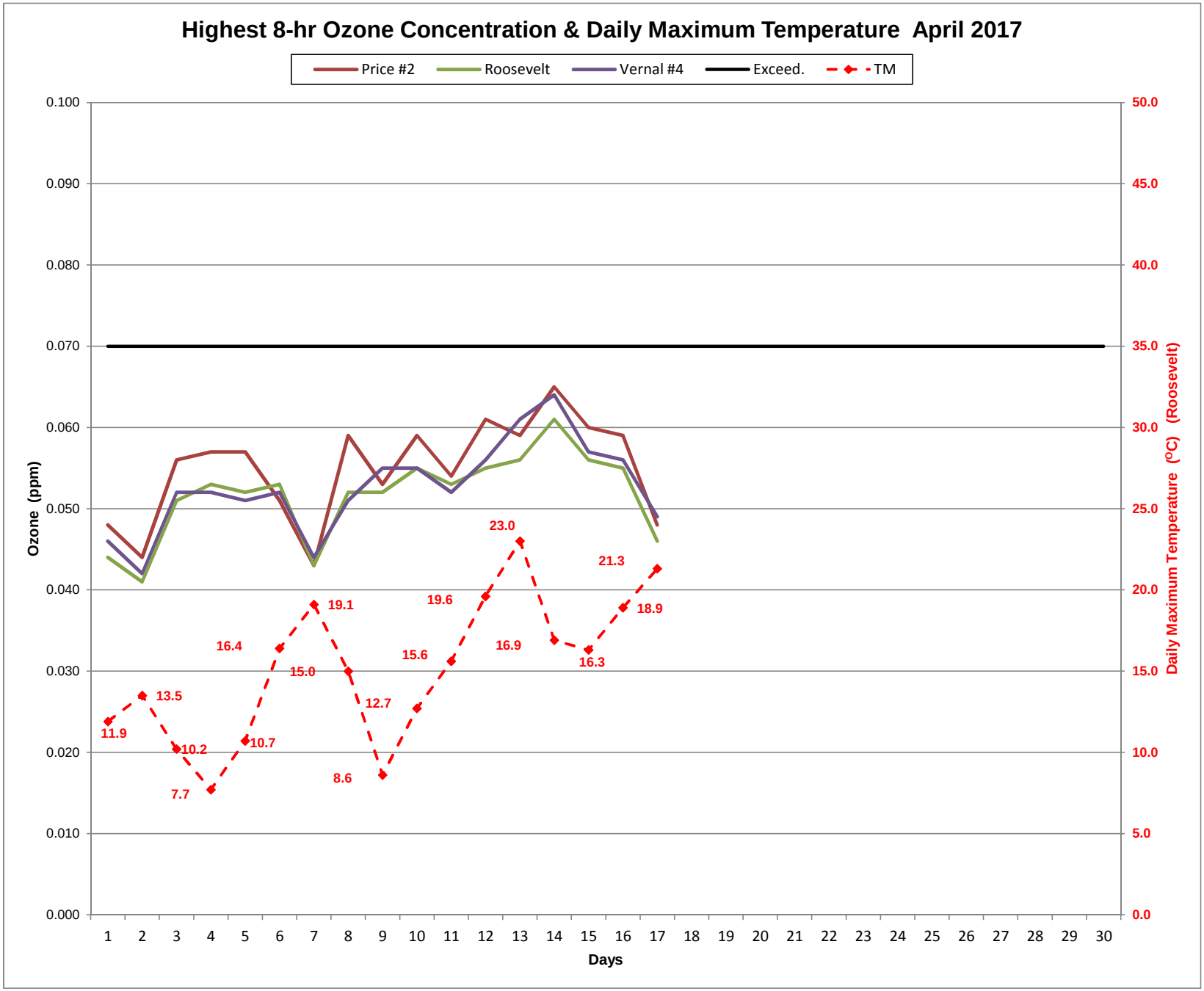
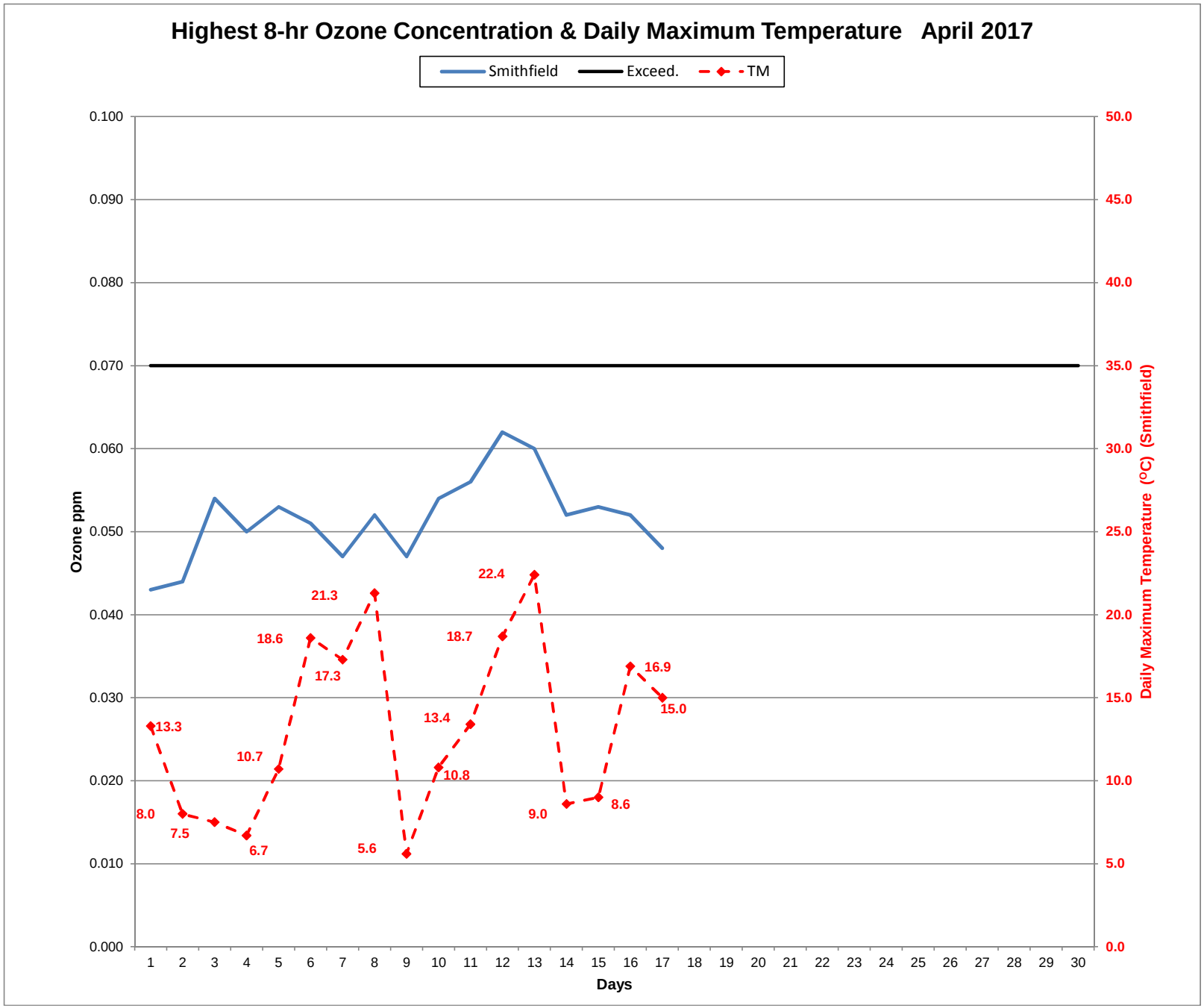
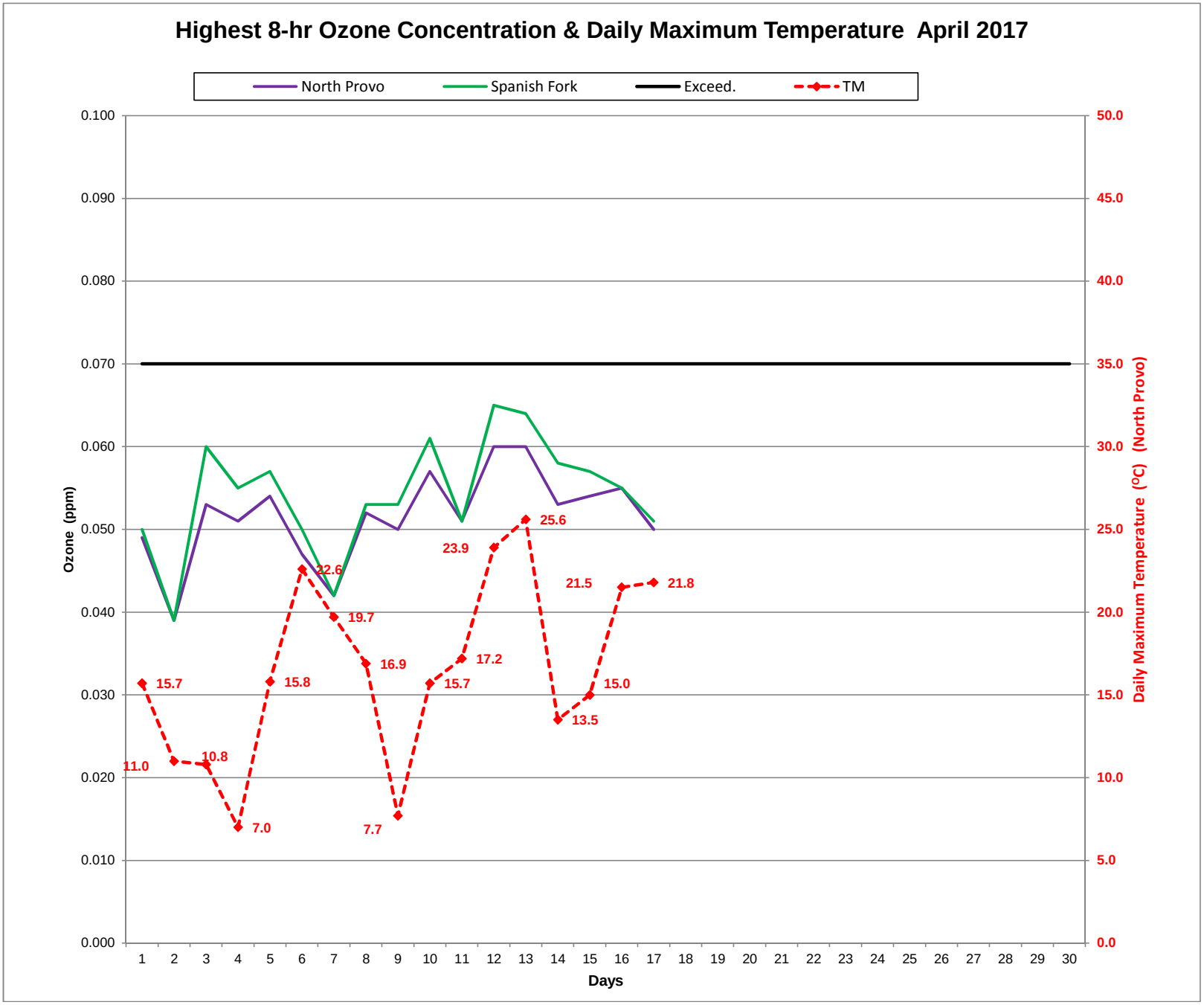
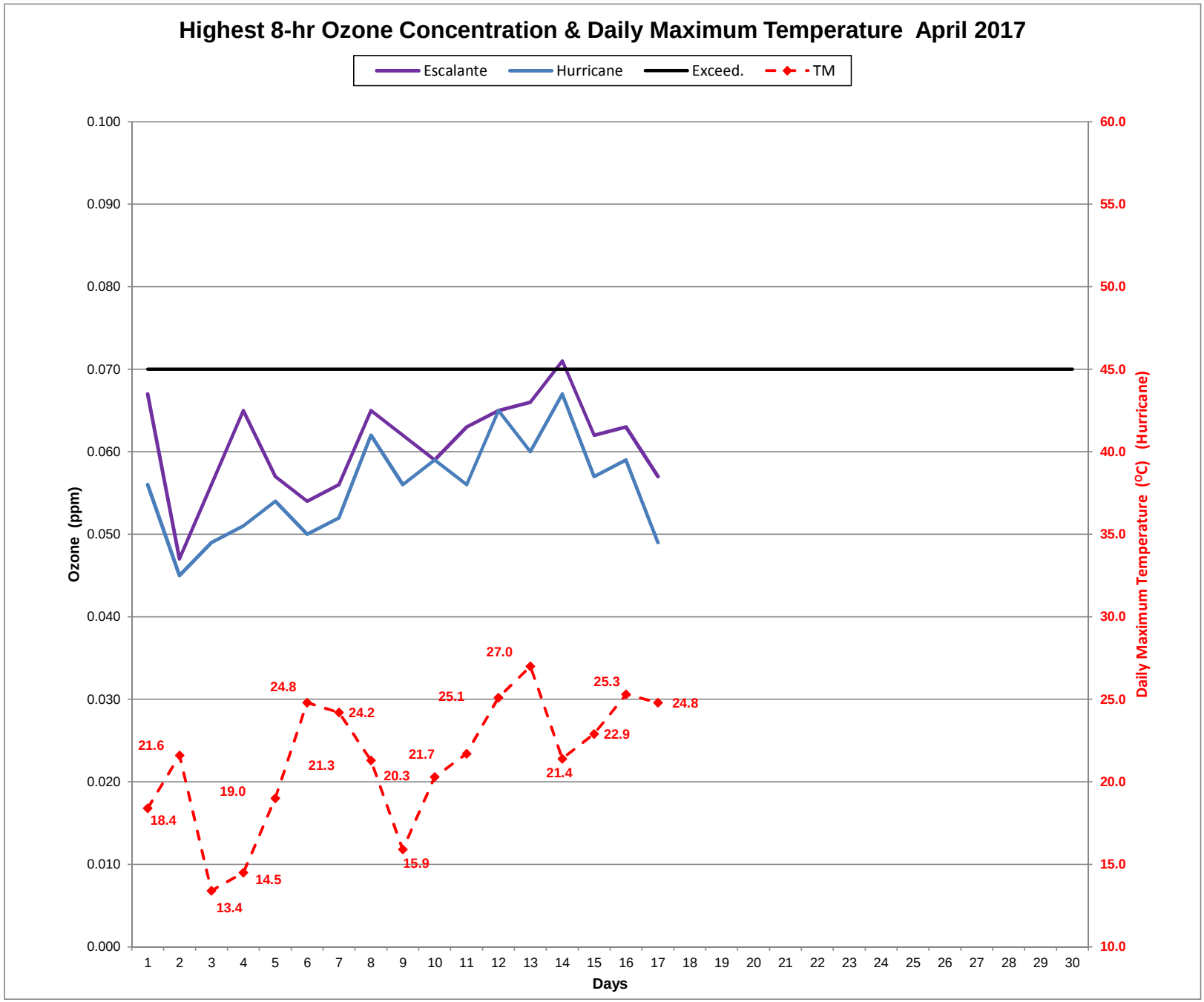
15.4
22.9
11.2


Highest 8-hr Ozone Concentration & Daily Maximum Temperature April 2017
Brigham City
Bountiful
Erda
Herriman #3
Harrisville
Hawthorne
Ogden #2
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (°C) (Hawthorne)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
16.2
11.9
11.2
16.5
9.1
24.6
16.3
22.0
8.3
16.2
17.1
24.0
27.0
21.0
13.0
13.7
21.1


Highest 8-hr Ozone Concentration & Daily Maximum Temperature April 2017
Price #2
Roosevelt
Vernal #4
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (°C) (Roosevelt)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
11.9
13.5
10.2
7.7
10.7
16.4
15.0
19.1
8.6
12.7
15.6
19.6
23.0
16.9
16.3
21.3
18.9


Highest 8-hr Ozone Concentration & Daily Maximum Temperature April 2017
Smithfield
Exceed.
TM
Ozone ppm
Daily Maximum Temperature (°C) (Smithfield)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
13.3
8.0
7.5
10.7
6.7
18.6
21.3
17.3
5.6
13.4
10.8
18.7
22.4
9.0
8.6
16.9
15.0


Highest 8-hr Ozone Concentration & Daily Maximum Temperature April 2017
North Provo
Spanish Fork
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (°C) (North Provo)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
11.0
15.7
10.8
7.0
15.8
22.6
19.7
7.7
16.9
15.7
17.2
23.9
25.6
21.5
13.5
15.0
21.8


Highest 8-hr Ozone Concentration & Daily Maximum Temperature April 2017
Escalante
Hurricane
Exceed.
TM
Ozone (ppm)
Daily Maximum Temperature (°C) (Hurricane)
Days
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
60.0
55.0
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
21.6
18.4
19.0
13.4
14.5
24.8
21.3
24.2
20.3
15.9
21.7
25.1
27.0
21.4
22.9
25.3
24.8