



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

MAR 23 2011

Mr. Richard A Hyde, P.E., Deputy Director
Office of Permitting and Registration
Texas Commission on Environmental Quality (MC 122)
P.O. Box 13087
Austin, TX 78711-3087

Re: Executive Director's Response to EPA Objection
The Dow Chemical Company – Title V Permit Number O2218

Dear Mr. Hyde:

On November 6, 2009, the Environmental Protection Agency (EPA) objected to the proposed Title V permit for The Dow Chemical Company. On June 29, 2010 we received the Texas Commission on Environmental Quality (TCEQ) Executive Director's Response to EPA's Objection (RTO), proposed permit, and associated Statement of Basis (SOB). We have reviewed the documents, and we have no further comments. We understand that TCEQ plans to issue the proposed permit. Please note that EPA may review the issued permit if it receives a public petition pursuant to 40 CFR § 70.8(d).

We are committed to working with the TCEQ to ensure that permits address all applicable requirements, including the Texas SIP, and are consistent with the federally-approved Texas Title V air permitting program. We are willing to discuss potential options to avoid future Title V permit objections. If you have questions or wish to discuss this further, please contact Jeff Robinson, Chief, Air Permits Section at (214) 665-6435, or Stephanie Kordzi, Texas Permit Coordinator at (214) 665-7520.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Carl E. Edlund".

Carl E. Edlund, P.E.

Director

Multimedia Planning and Permitting Division

Enclosure

cc: Manager, Environmental Affairs
The Dow Chemical Company

Mr. Steve Hagle, Director
Air Permits Division
Texas Commission on Environmental Quality (MC-163)



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NOV 06 2009

Mr. Richard A Hyde, P.E., Deputy Director
Office of Permitting and Registration
Texas Commission on Environmental Quality (MC 122)
P.O. Box 13087
Austin, TX 78711-3087

Re: Objection to Federal Part 70 Operating Permit
Dow Chemical Company, Site Functions 2 (TCEQ Permit No. O2218)
Brazoria County, Texas

Dear Mr. Hyde:

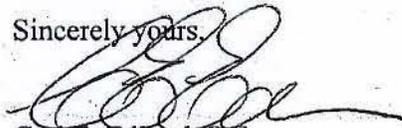
We received the proposed minor revision for the Federal Operating Permit (FOP) for the Dow Chemical Company Site Functions 2 area in our office on September 21, 2009. The EPA's 45-day review period will end on November 6, 2009. The revision incorporates New Source Review (NSR) permits into the FOP.

In accordance with 40 CFR 70.8(c), EPA is objecting to the proposed permit action. Section 505(b)(1) of the federal Clean Air Act (Act) and 40 CFR § 70.8(c) require EPA to object in writing to the issuance of a proposed Title V permit within 45 days of receipt of the proposed permit (and all necessary supporting information) if EPA determines that the permit is not in compliance with applicable requirements of the Act or requirements under 40 CFR Part 70. Specific reasons for each objection and a description of the terms and conditions that the permit must include to respond to the objections are enclosed.

Section 505(c) of the Act and 40 CFR § 70.8(c)(4) provide that if the permitting authority fails, within 90 days of the date of the objection, to submit a permit revised to meet the objections, then EPA will issue or deny the permit in accordance with the requirements of 40 CFR Part 71. Because the objection issues must be fully addressed within 90 days, we suggest that the revised permit be submitted with sufficient advance notice so that any outstanding issues may be resolved prior to the expiration of the 90-day period. Should the Title V permit be issued without resolving these concerns, EPA may reopen the Title V permit for cause, pursuant to 40 CFR § 70.7(f) and (g).

We are committed to working with the TCEQ to ensure that the final Permit is consistent with the all applicable requirements, including the federally-approved Texas SIP and the Texas FOP program. If you have questions or wish to discuss this further, please contact Jeff Robinson, Chief, Air Permits Section at 214-665-6435, or Stephanie Kordzi, Texas Permit Coordinator at (214) 665-7520. Thank you for your cooperation.

Sincerely yours,



Carl E. Edlund, P.E.

Director

Multimedia Planning and Permitting Division

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cc: Manager, Environmental Affairs
Dow Chemical Company

Mr. Steve Hagle, Director
Air Permits Division
Texas Commission on Environmental Quality (MC-163)

Enclosure

1. **Objection to General Recordkeeping Provision.** Under the *General Terms and Conditions* provision of the draft Title V permit, reference is made to 30 TAC § 122.144 of the Texas FOP program which requires records be kept for 5 years; however, Special Condition 13 of NSR Permit No. 35022 (issued January 11, 2008) only requires records be kept for two years. This condition is inconsistent with the 5 year recordkeeping requirements of 40 CFR § 70.6(a)(3)(ii)(B) and cannot be carried forward into the Title V permit. Pursuant to 40 CFR § 70.8(c)(1), EPA objects to the issuance of the Title V permit since the recordkeeping requirements of NSR Permit No. 35022 are not in compliance with the requirements of 40 CFR § 70.6(a)(3)(ii)(B). In response to this objection, TCEQ must revise the Title V permit to include a condition that states that records of monitoring data and supporting information must be maintained for a minimum of five years from the date of monitoring, notwithstanding the requirements of any other permit conditions or applicable requirements.

2. **Objection to Special Permit Condition 3.** Under the *Special Terms and Conditions* provisions of the draft Title V permit, Condition 3 requires stationary vents with certain flow rates comply with identified provisions of 30 TAC Chapter 111 of the Texas SIP. However, there is no identification of the specific stationary vents that are subject to those requirements. As such, this condition fails to meet the requirement of 40 CFR § 70.6(a)(1), in that the condition lacks the specificity to ensure the compliance with the applicable requirements associated with those unidentified emission units. In addition, the Statement of Basis document for the draft Title V permit does not provide the legal and factual basis for Condition 3, as required by 40 CFR § 70.7(a)(5). Pursuant to 40 CFR § 70.8(c)(1), EPA objects to the issuance of the Title V permit since Condition 3 is not in compliance with the requirements of 40 CFR § 70.8(c)(1) and 70.7(a)(5). In response to this objection, TCEQ must revise Condition 3 of the draft Title V permit to list the specific stationary vents that are subject to the specified requirements of 30 TAC Chapter 111 and provide an explanation in the Statement of Basis for the legal and factual basis for Condition 3.

Additional Concerns:

1. **Table New Source Review Authorization References** - Some of the permits that are incorporated by reference may actually be old or outdated underlying permits. EPA recognizes that underlying permits are revised from time to time. Nonetheless, the most recent revision of the underlying permit (and the issuance date) must be stated in the table when incorporated by reference in the Title V permit so the public may properly comment on the Title V permit. TCEQ must confirm that the version of the underlying permit that is incorporated in the title V permit is readily available in the public records. Please see page 5, Section IV.A.2. of the EPA Administrator's decision regarding requirements per the Premcor Title V Petition responses issued on May 28, 2009.

2. Permit Condition 7 – In accordance with 40 CFR Section 70.6(a)(1)(i), permit conditions must define and provide regulatory citations referencing proper authority allowing TCEQ to grant special exemptions.
3. NSR Permit No. 41760 is incorporated by reference. This permit is for a Pollution Control Project. TCEQs database shows that this permit renewal date was July 19, 2009 and that the permit is cancelled. The Title V permit should not include a permit that is no longer valid.
4. Monitoring requirements must be specific. The Periodic Monitoring Summary refers repeatedly to manufacturer's recommendations. The manufacturer's recommendations must be written out if they are to dictate monitoring requirements.