

Pennsylvania Department of Environmental Protection
AIR QUALITY TECHNICAL ADVISORY COMMITTEE MEETING
Final October 10, 2024, Meeting Minutes

ATTENDANCE

Air Quality Technical Advisory Committee (AQTAC or Committee) members present via Teams or in-person.

Rob Altenburg	<input checked="" type="checkbox"/>	Christine Heath	<input checked="" type="checkbox"/>	Richard Shaffer	<input checked="" type="checkbox"/>	Maryjoy Ulatowski	<input checked="" type="checkbox"/>
Scott Brown	<input checked="" type="checkbox"/>	Charles McPhedran	<input type="checkbox"/>	John Shimshock	<input type="checkbox"/>	Shaun Vozar	<input checked="" type="checkbox"/>
Kimberly Coy	<input type="checkbox"/>	Mohamed Mellaouch	<input type="checkbox"/>	John Slade	<input type="checkbox"/>	John Walliser	<input checked="" type="checkbox"/>
Joseph Duckett	<input checked="" type="checkbox"/>	Michael Nines	<input checked="" type="checkbox"/>	Kevin Stewart	<input checked="" type="checkbox"/>		
Joseph Guzek	<input checked="" type="checkbox"/>	Marianne Payne	<input type="checkbox"/>	John Tissue	<input checked="" type="checkbox"/>		

CALL TO ORDER & ADMINISTRATIVE ITEMS

Chair John Tissue called the meeting to order at 9:15 a.m.

Nicholas Lazor, Director of the Department of Environmental Protection (DEP) Bureau of Air Quality (BAQ), announced that Kristina Snurkowski will be serving as the new AQTAC liaison. This change follows Joseph Martini’s promotion to Section Chief of BAQ’s Regulatory Development section. Both Joseph Duckett and John Tissue expressed their gratitude to Joseph Martini for his dedicated service as the AQTAC liaison over the past few years.

John Tissue provided an update on the election process for the AQTAC Chair and Vice Chair positions. The election had been scheduled for the July 11, 2024, meeting, but it was postponed due to the meeting's cancellation. In preparation for this meeting, Joe Martini sent out an email with a survey link to allow AQTAC members to vote in advance. However, not all members have cast their votes yet. As a result, Joe Martini suggested that those members who have not yet voted do so during the meeting so that the results can be announced.

Joseph Martini also suggested that AQTAC discuss the proposed 2025 meeting dates. John Tissue reviewed the proposed dates, which are February 6, May 8, August 7, and November 6, 2025. Michael Nines proposed changing the August 7 meeting date to August 14. Joseph Martini checked the availability of the meeting room for the alternate date and confirmed that the room would be available on August 14. Joseph Duckett then made a motion to accept the 2025 meeting dates with the change from August 7 to August 14. Michael Nines seconded the motion. Hearing no objections, John Tissue moved to approve the revised meeting dates.

Approval of Minutes

John Tissue requested a motion to approve the 4/4/24 meeting minutes with the following revisions:

- Attendance correction to mark Maryjoy Ulatowski as present for the meeting.

Joseph Duckett made a motion to approve. Kevin Stewart seconded. John Tissue, hearing no opposition, moved to approve the minutes.

PRESENTATION

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Naishadh Bhatt, Technical Support Section Chief, Viren Trivedi, Permits Division Chief, and Jesse Walker, Attorney, Bureau of Regulatory Counsel, presented on DEP's Emission Guidelines (EGs) for Greenhouse Gas (GHG) Emissions from Existing Crude Oil and Natural Gas Facilities (40 CFR Part 60 Subpart OOOOc).

Discussion

Joe Duckett asked if there are specific quantitative objectives related to methane reduction or health effects. Viren Trivedi explained that the OOOOc State Plan has a mandated deadline set by the EPA. In March 2024, the EPA published two rulemakings: one for new sources (OOOOb) and one for existing sources (OOOOc). OOOOb is already being implemented because DEP has an existing regulatory mechanism in place. To implement the OOOOc EG for existing sources, DEP is required to adopt a rule or develop a state plan within two years. Joe Duckett asked for further clarification on whether either the EPA or DEP has set a quantitative objective for the program. Mr. Trivedi further explained that when the EPA released the EG, they provided model language that states could adopt in their plans. The current objective for OOOOc is to engage in stakeholder meetings and gather comments to determine if any changes need to be made to the EPA's model rule.

Joe Guzek noted the thresholds of 40 tons per year and 100 kilograms per hour and asked for clarification of the thresholds. Mr. Trivedi explained that releases of more than 100 kilograms per hour would be considered a "super emitter" event. Regarding the 40 tons per year, this applies to oil wells or the associated gas from those wells. For wells with methane emissions of 40 tons or less per year, the gas may be routed to a sales line, used on-site as fuel or for another purpose, injected into the well, or flared. In contrast, for sites with emissions exceeding 40 tons per year, flaring is only allowed if other options are not technically feasible. Mr. Guzek also asked for clarification about "major sites" on slide 23. Mr. Trivedi explained that the EPA defines three categories of sites: those with one wellhead, those with more than one wellhead, and those with major products and equipment. Each category has different Leak Detection and Repair (LDAR) and Audio, Visual, and Olfactory (AVO) inspection requirements.

John Walliser asked if DEP will be vetting OOOOc through multiple advisory committees and taking public comment to determine if revisions to the model rule are needed. Mr. Trivedi confirmed that this is correct. DEP is using the EPA's regulatory language as a framework for the State Plan. DEP will publish the proposed State Plan for public comment and conduct public hearings, and then DEP will assess whether additional revisions are necessary. DEP must submit the State Plan to the EPA by March 2026. If DEP does not submit the State Plan by that time, the EPA will implement a Federal Plan for Pennsylvania, which may be more stringent than the OOOOc model rule.

Christie Heath asked whether the EPA or DEP will administer the State Plan. Mr. Trivedi explained that for Emission Guidelines, the state must write a State Plan and submit it to the EPA for approval. After the EPA publishes approval of the State Plan in the Federal Register, the authority is shared between the state and the EPA. The State Plan outlines which aspects fall under state authority and which are under EPA authority. Ms. Heath also asked if DEP could provide AQTAC with background information on the relationship between OOOOc and the state Reasonably Available Control Technology (RACT) rules for the oil and gas industry, and how these programs could potentially be streamlined. Mr. Trivedi explained that they are considering streamlining but noted that the process is complicated due to differing requirements that don't always align. Ms. Heath commented that the regulations may overlap, and facilities will likely be required to comply with all applicable regulations. Jesse Walker clarified that RACT applies to criteria pollutants while OOOOc focuses specifically on methane. Therefore, these are two separate sets of requirements.

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Joe Duckett asked if the rule would apply to both conventional and unconventional wells. Mr. Trivedi confirmed that OOOOc would apply to both types of wells. Mr. Duckett noted that one purpose of venting and flaring is to alleviate overpressure. For wells producing more than 40 tons methane per year, the plan states that flaring is allowed only if other options are technically infeasible. He asked if safety considerations are taken into account and requested clarification on what "technically infeasible" means in modern practice. Mr. Trivedi stated that safety would be a factor in the evaluation. Venting and flaring should be infrequent events, and if large amounts of methane are being produced, the gas should be routed to a sales line, as recommended by the EPA.

Rob Altenburg asked if DEP anticipates additional rulemaking to support elements of the State Plan or if it can be implemented without further rulemaking. OOOOb, which covers New Source Performance Standards (NSPS), is adopted by reference under 25 Pa. Code Chapter 122. For OOOOc, the EPA has given states the option to adopt a rulemaking, but it must be submitted within two years. Given the length of the regulatory process, meeting this deadline would be challenging. Therefore, DEP opted to develop a State Plan to submit to the EPA within that timeframe. Mr. Altenburg stated he understood that it would be difficult to get a new rulemaking through, particularly for the entire plan, but asked for clarification on whether DEP would change any regulations to support the elements DEP is planning to include in the state plan. Jesse Walker explained that 25 Pa. Code Chapter 122.3 adopts and incorporates the Emission Guidelines by reference. That is the existing regulation and DEP is currently evaluating approaches for the State Plan, considering the EPA's recent August 26 guidance that they issued to assist states with implementation.

John Tissue commented that inconsistencies in understanding among inspectors and vendors could lead to challenges when dealing with complex rules like OOOOb and OOOOc. He suggested that DEP consider creating an applicability flowchart and providing training for inspectors and vendors. Nick Lazor agreed that this is worth considering.

Joseph Guzek commented that storage tank inspectors can become DEP-licensed to handle specific types of tanks. There are various certifications based on the type of tank, and inspectors must undergo training and pass a test to qualify. Mr. Guzek suggested that DEP already has this Storage Tanks model for a training and certification program that could be applied to other areas, including methane leak detection.

Kevin Stewart responded to Joe Duckett's earlier comment about the objectives, stating that the essential goal of the rule is to better address unregulated emissions from the sector. He pointed out that the past approach of not sufficiently regulating the industry has led to significant problems, such as half a million abandoned wells and existing sources not being properly managed. These issues contribute to the added consequence of climate change from emissions. Mr. Stewart referenced a report that was sent to him by John Walliser, which included a regulatory impact analysis conducted by the EPA detailing the benefits of the OOOOc program. The final rule, he noted, will protect public health by reducing volatile organic compounds (VOC) and toxic air pollutants, while also preventing the wasteful leaking of valuable fuel. He emphasized that Pennsylvania's role is to lead by example, showing that meaningful action can be taken and that these pollutants are already having real-world impacts, sometimes with fatal consequences, due to climate change. Mr. Stewart urged DEP to act quickly and take steps to control air pollution under this rule. He also encouraged DEP to consider the public comments, as there are valuable suggestions that should be implemented.

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Joe Duckett asked if the goal is to reduce greenhouse gases, shouldn't DEP be strongly encouraging the combustion of methane, which converts it to carbon dioxide, a less potent greenhouse gas, rather than making it difficult for people to install flares and combustion devices. Mr. Trivedi explained that combustion has its own issues, as it produces other pollutants. Therefore, the preferred first step is to route the gas to the sales line. The second option is to inject the gas back into the well. Flaring may be allowed if neither of these options is feasible, but it must achieve 95% control.

Michael Nines returned to John Tissue's earlier comment about implementation guidance and Rob Altenburg's comment on whether specific regulatory packages are needed. Mr. Nines asked what the process and role of AQTAC are regarding the OOOOc State Plan, and if AQTAC could provide more meaningful engagement. Nick Lazor welcomed AQTAC's feedback, as that is the Committee's purpose. John Tissue asked if AQTAC should form a subcommittee to provide additional feedback on OOOOc. Mr. Nines expressed support for creating a subcommittee to delve deeper into the State Plan and offer more detailed feedback. Joe Duckett suggested it would be helpful for DEP to identify specific issues they want AQTAC to address, which would help focus the subcommittee's efforts. Mr. Lazor agreed and stated that he would talk to the team to identify any key areas where AQTAC's input is needed.

John Tissue then asked if a motion was required to form the subcommittee. Rob Altenburg stated that he didn't think AQTAC needed a formal motion to form the subcommittee or provide comments, though a motion might be necessary later to approve the final recommendations. Kevin Stewart agreed, noting that providing comments falls within the Committee's mandate, so no motion was needed at this point. He suggested that recommendations should be reviewed by the Committee as a whole. John Tissue asked if anyone disagreed with proceeding without a motion. Hearing no opposition, AQTAC agreed to form the subcommittee.

PUBLIC COMMENT PERIOD

John Tissue proposed allowing the individuals who signed up to provide public comment to speak before any AQTAC follow-up questions or discussion on the OOOOc presentation. Five individuals signed up in advance of the meeting to provide public comments. Their statements are summarized below:

Kim Anderson, Evangelical Environmental Network (ENN)

Kim Anderson, a representative of the ENN, stated that her organization has collected 36,391 signatures from evangelicals urging DEP to implement a strong State Plan for the methane supplemental rule. Ms. Anderson urged DEP to adopt the strongest possible methane standards to safeguard the health of children and other residents in Pennsylvania.

Alice Lu, Clean Air Council

As a policy analyst for the Clean Air Council, Alice Lu represented the organization in offering comments. The Clean Air Council is a member-supported environmental organization serving Pennsylvania and the surrounding region. Ms. Lu urged DEP to implement standards stronger than the EPA's to better protect frontline residents and reduce climate-warming emissions. The Council also submitted several recommendations to improve the State Plan.

Vanessa Lynch, Mom's Clean Air Force

Vanessa Lynch, representing Mom's Clean Air Force, which is a group of parents united against air pollution and climate change, emphasized the group's goal of equitably protecting children. Ms. Lynch urged DEP to enact strong methane safeguards to protect frontline communities and offered recommendations to strengthen the state plan.

Melissa Ostroff, Earthworks

A certified thermographer, Melissa Ostroff uses an optical gas imaging (OGI) camera to detect invisible methane leaks at oil and gas sites throughout Pennsylvania. Ms. Ostroff commented that she frequently detects methane leaks at small, conventional, and older well sites. She recommended that DEP implement a stronger methane control plan than the current EPA rule and provided suggestions for improving the plan.

John Rutecki, Environmental Defense Fund (EDF)

John Rutecki, manager of legislative affairs for the EDF, applauded Governor Shapiro and DEP for their efforts to implement methane standards. He stated that Pennsylvania's methane emissions remain too high and that oil and gas operations in the Appalachian Basin have the second-highest total methane emissions in the nation. Mr. Rutecki called for strong and comprehensive pollution standards from DEP to ensure protective and equitable pollution reductions, urging DEP to act swiftly in implementing the state methane plan.

Bill Ondrizek, Technical Compliance Solutions, LLC

As the source testing manager at Technical Compliance Solutions, Bill Ondrizek, an experienced emission testing professional based in Pennsylvania, commented on inconsistencies in how stack testing interpretations are applied in the state, which creates challenges for emission testers. He recommended that for the natural gas testing industry's standard protocol, all parties should have an opportunity to provide public comments. These comments, he suggested, should be addressed in the same manner as any federal method updates. Public comment would also serve as an opportunity to correct clerical and technical errors before the document is finalized.

Nathan Eachus

Mr. Eachus stated that DEP is not actively collaborating with its own Office of Environmental Justice (OEJ) when it comes to RACT III permits. He further commented that DEP leadership is not enforcing federal and state Environmental Justice standards as part of the DEP Speed Permitting process. According to DEP Interim Final Environmental Justice Policy, community engagement is required, ensuring robust public participation for projects in Environmental Justice areas that involve "trigger permits."

Mr. Eachus emphasized that Speed Permitting cannot be executed without involvement from the DEP OEJ and "enhanced community engagement," as outlined on the DEP website. He expressed concerns about the adequacy of the public notice and participation process for the RACT III permit for the Hazleton Generation Power Plant in Hazle Township, which is an Environmental Justice area.

PRESENTATION

Rob Small, Bryon Richwine, Chuck Zadakis presented on Standard Protocol (SP-005): Stationary Spark Ignition Internal Combustion Engines Applicable for Methods 1, 2, 2C, 3, 3A, 3B, 4, 19, 205, 320, ASTM Method D6348-03, and Alt 106.

Prior to the presentation Matt Bomberger, Air Quality Specialist of the Source Testing Section, made an announcement that DEP is planning to develop a Standard Protocol (SP-001) for small boilers 15 million BTUs

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and below operating under General Permit-1, for Gas and No. 2 Oil Fired Small Combustion Units. DEP anticipates having a draft ready for AQTAC's review at the February AQTAC meeting.

Discussion

John Tissue asked if DEP would like AQTAC to review SP-005 and provide comments. Joe Martini confirmed that the document would be posted on SharePoint for AQTAC members to review.

Joe Duckett asked if DEP could simply adopt the ASTM method. Rob Small explained that DEP could not adopt the ASTM method because the JJJJ regulation allows for multiple methodologies. Bryon Richwine added that DEP is trying to accommodate different testers and their varying equipment and capabilities.

Christie Heath inquired about how DEP plans to implement SP-005. Bryon Richwine explained that if testers choose to use the standard protocol, they can reference it and indicate which protocol they are using. If they opt not to use the standard protocol, they would submit their own protocol for DEP review, just as they currently do. Using the standard protocol would save time and effort for testers.

Michael Nines asked if SP-005 would be put out for public comment. Nick Lazor confirmed that DEP will seek public comment on the protocol. Mr. Nines also suggested organizations, such as the Marcellus Shale Coalition, may want to provide feedback. Bryan Richwine welcomed such feedback, noting that DEP is open to input from additional groups that Mr. Nines might have connections with.

Kevin Stewart further encouraged DEP to embrace feedback from interested individuals, suggesting that collaboration would lead to a better product. Bryon Richwine agreed, stating that DEP has already begun identifying other groups or individuals besides AQTAC to provide input. Rob Small commented that over the past year, testers have provided feedback indicating inconsistencies in how different DEP staff apply requirements. This may be due to staff turnover, and the standard protocol is intended to address these inconsistencies.

Michael Nines asked if there was a target date for publishing the protocol. Bryon Richwine stated the target date is mid-2025, and he hopes to keep the comment period relatively short in order to meet that deadline.

John Tissue asked AQTAC members interested in reviewing the protocol to identify themselves. The following members expressed interest in reviewing SP-005: Rob Altenburg, Michael Nines, Christie Heath, Joe Guzek, and John Tissue.

PRESENTATION

Kirit Dalal provided an update on rulemakings and State Implementation Plan (SIP) revisions.

Discussion

Joe Duckett asked about the status of the SO₂ attainment demonstration, as the document presented mentioned that the EPA comment period ended in July. Mr. Dalal explained that the EPA is currently working on the comment and response document. Once that is complete, the document will be finalized and the process will be finished.

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John Tissue inquired about the status of the Regional Greenhouse Gas Initiative (RGGI). Nick Lazor responded that RGGI has not made much progress in the House, so there is no change in its status at this time.

Christie Heath asked whether DEP was anticipating any rulemaking or regulatory changes to address the 2008 VOC RACT requirements. Mr. Dalal explained that DEP is working in collaboration with the EPA and other states on the 2008 VOC RACT standards. New rulemaking related to this is not anticipated at this point. John Krueger added that DEP has submitted supplemental information to EPA Region 3 but has not yet received a response. This is a national issue that affects many states due to recent court rulings.

Michael Nines asked about the status of active sanctions and whether the EPA website is the best place to track those deadlines. Mr. Dalal stated that there is usually an 18-month timeline for sanctions. Mr. Krueger clarified that the only sanction clock currently running relates to DEP's ability to certify that Control Techniques Guidelines (CTGs) satisfy RACT requirements.

PRESENTATION

Sean Wenrich presented on Streamlining Permits for Economic Expansion and Development (SPEED) Program.

Discussion

Joe Duckett asked if the program is intended to function as a staff extension for DEP, rather than hiring full-time employees. Sean Wenrich clarified that the Qualified Professionals (QPs) will be treated similarly to review engineers at regional offices. The QP will conduct the initial review and prepare draft review memos, which will then be reviewed by the DEP regional permitting section chiefs.

Joe Guzek inquired if the program would help speed up the plan approval process. Mr. Wenrich confirmed that the SPEED Program is designed to lead to faster review times. If application deficiencies are not timely addressed, the application will be removed from the program and sent to the standard review process.

Rob Altenburg asked how DEP ensures that section chiefs retain the necessary experience if the review work is subcontracted out. Mr. Wenrich explained that section chiefs are already involved in reviewing permits worked on by regional staff. Mr. Altenburg clarified that he was concerned about the experience of review engineers who move up to section chief positions. Mr. Wenrich responded that not all reviews will be part of the SPEED program. The program is meant to augment staff, not replace them, and there will still be plenty of work for current and future review engineers.

Michael Nines asked whether the SPEED program will apply to those seeking authorization under a general permit. Mr. Wenrich clarified that, currently, the program only applies to state-only plan approvals. Mr. Nines further asked if the QPs are responsible for developing draft permit conditions. Mr. Wenrich responded that the review engineers and QPs in the SPEED program are expected to prepare draft plan approvals, and after the comment period, a draft final plan approval as well.

Michael Nines asked if the QPs would receive training from DEP. Mr. Wenrich explained that while DEP is planning to develop some training or guidance for the QPs, the QPs should already have the appropriate credentials for the review work.

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Michael Nines also asked whether applicants can choose their qualified professional. Mr. Wenrich explained that if fewer than ten QPs are available, DEP will choose the professional. If more than ten are available, DEP will narrow it down to three, and the applicant can select from those three.

Joe Duckett asked who decides if a permit is eligible for the SPEED program. Mr. Wenrich clarified that the applicant may opt into the SPEED program. Mr. Duckett also asked who monitors the rates and hours of the QPs. Mr. Wenrich stated that the QPs set their own rates, and base rates are part of the initial solicitation. While DEP does not set rates, there will be periodic check-ins with the QPs to ensure compliance.

OLD & NEW BUSINESS / OPEN DISCUSSION

John Tissue announced that Josie Gaskey has officially resigned from AQTAC. DEP thanks Josie Gaskey for her service. Mr. Tissue also mentioned that the comments AQTAC worked on for the annual emission inventory instructions were rolled out to the public this September. So, the version that is out now included the changes based on AQTAC's feedback.

Joe Martini announced that John Tissue and Joe Duckett have been re-elected chair and vice-chair of the upcoming AQTAC term of 2024 to 2026. Sixteen AQTAC members cast votes for the election and the voting was unanimous.

John Tissue opened the meeting for other AQTAC business/open discussion.

Old Business:

Joe Duckett inquired about the revised particulate matter (PM) standards, recalling that in a previous AQTAC meeting, DEP discussed seeking an exception from the EPA due to the impact of wildfires. Nick Lazor responded that DEP is still in the process of working through the exceptional events demonstration and aims to submit it to the EPA soon. If the exceptional event demonstration is approved, York County may be meeting the standard. However, Philadelphia, Allegheny, and Dauphin Counties will likely remain above the standard. Joe Duckett asked what would happen if there are non-attainment areas. Mr. Lazor explained that if there are non-attainment areas, DEP will need to prepare an attainment plan and submit it to EPA for approval as a revision to the State Implementation Plan (SIP). More information will be available in the coming months.

New Business:

Joe Duckett inquired whether the Bureau of Air Quality had heard anything about the University of Pittsburgh School of Public Health Well Study letter that was sent a few months ago. Nick Lazor mentioned that AQTAC would discuss the letter and the process for sending such communications during the meeting. He stated that DEP is not planning to conduct another study like the Well Study, which has already been reviewed by AQTAC. The Well Study was a large, multi-county project, and funding for such projects is difficult to secure. However, DEP is in the planning stages for another study as part of an agreement with CNX Resources. DEP has initiated conversations with the Department of Health on how to coordinate data sharing from this study to inform both agencies' understanding of the potential health impacts.

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Joe Duckett explained his understanding of how AQTAC has sent letters in the past. Joe Martini explained that going forward, the AQTAC liaison should coordinate the distribution of any letters sent on behalf of AQTAC to DEP or other agencies.

John Tissue invited Michal Nines to discuss feedback regarding the letter AQTAC sent in June 2024 on the Pitt Well Study. Mr. Nines expressed that some Committee members were surprised that a letter was sent on behalf of AQTAC without a review and vote by the Committee. The Committee discussed the matter and agreed that in the future, any correspondence from a work group should be brought back to the full Committee for review and approval before being sent. Additionally, there should be open discussion during meetings about any correspondence being prepared by work groups and the level of review required.

John Tissue asked if the review of SP-005, which was previously discussed, should be considered a formal ad-hoc working group. After discussion, it was decided that there would be no need to form a work group or draft a formal letter for the SP-005 review. The review would be handled as individual feedback provided through comments and tracked changes on SharePoint. A motion was made by Joseph Guzek and seconded by Christie Heath. The motion passed without opposition.

John Tissue suggested that AQTAC could play a unique role in reviewing policy and instructional documents used by the air quality program. By identifying outdated or missing documents based on their experiences with other states, AQTAC could provide valuable recommendations for improvement. Mr. Tissue proposed forming an ad-hoc work group to discuss this idea further during the next AQTAC meeting in February.

Nick Lazor returned to the discussion about the letter sent by AQTAC concerning the Pitt Well Study. After further discussion, Joe Duckett made a motion for the AQTAC liaison to send the letter on behalf of the Committee, as is. The motion was seconded by Shaun Vozar, with one member opposed. John Tissue approved the motion, as the majority supported it.

Kevin Stewart requested a follow-up regarding Nathan Eachus' public comment, where he raised concerns about DEP potentially not following Environmental Justice rules adequately. Mr. Stewart requested that DEP provide an update on any follow-up actions regarding Mr. Eachus' claim at the next meeting. Nick Lazor stated that he would reach out to the regional office to address the concerns.

Michal Nines asked if Josie Gaskey's position on AQTAC needed to be filled. Joe Martini clarified that there are currently 18 AQTAC members, and while terms run through June 2025, the position does not need to be filled immediately.

Discussion

There was no further discussion.

MOTION TO ADJOURN

With no further business before AQTAC, John Tissue requested a motion to adjourn the meeting. Joseph Duckett made a motion to adjourn. Joseph Guzek seconded. John Tissue, hearing no opposition, so moved to adjourn the meeting. The meeting adjourned at 12:45 pm.

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The next AQTAC meeting is February 6, 2025.

Minutes prepared by Kristina Snurkowski Air Quality Program Specialist (AQPS). For additional information about AQTAC, please contact the AQTAC Liaison (RA-EPAQTAC@pa.gov) or by visiting the AQTAC Web page at: <http://www.dep.pa.gov/Business/Air/BAQ/AdvisoryGroups/Air-Quality-Technical-Advisory-Committee/Pages/default.aspx>