

Recap of Discussion of Element 12 from December 3 Meeting

The following table summarizes the steering committee’s discussion on Element 12 from the December 2019 meeting, suggests proposed criteria to measure effectiveness to be included in Element 12 of the community air monitoring plan (CAMP), and provides comments and/or questions for the steering committee to consider. The Element 12 discussion will be continued at the next meeting, where the steering committee will decide on the criteria for measuring effectiveness.

Steering Committee Notes from the December 3 Brainstorming	Potential Criteria to Measure Effectiveness	Comments and/or Questions for the Committee
Objective 1 – Increase air quality awareness in the community by making information easily accessible to the public and easy to understand		
<ul style="list-style-type: none"> • Provide air quality info where people spend time • Provide information to interpret air quality • Provide information about air quality at back-to-school nights, school events, and school boards • Provide additional information on District website • Distribute flyers • The number of community events • Public meetings • Gauge community involvement, including advocacy for more regulations and laws • Measure knowledge of air quality issues with polls • Surveys • Use focus groups 	<p>Engage in at least 6 community events within 12 months of plan adoption.</p> <p>Evaluate the effectiveness of outreach.</p> <ul style="list-style-type: none"> • Increase air quality awareness • Monitor our community air protection webpage traffic with a goal of 10% increase in the first year. 	<p>Many of these suggestions can be included in Element 14 – Communication of Information</p> <p>Results would be included in an annual report.</p> <p>Utilize existing resources, such as steering committee members, to poll the community at the beginning plan adoption and 1 year after plan adoption.</p>

Steering Committee Notes from the December 3 Brainstorming	Potential Criteria to Measure Effectiveness	Comments and/or Questions for the Committee
<ul style="list-style-type: none"> Increase awareness of reported violations 		<p>Violations are not part of the monitoring plan effectiveness. This information can be included under Element 14.</p>
<p>Objective 2 – Monitor for traffic related air pollutants (criteria & toxics). Determine the spatial distribution of pollution from traffic on Highway 99, and whether these emissions are significant at schools and hospitals</p>		
<ul style="list-style-type: none"> Evaluate number of monitors at hospitals and schools 	<p>Evaluate placement of the Phase 1 monitors after 12 months to gauge whether the monitoring locations selected continue to be useful to meet monitoring objectives</p>	<p>Steering Committee can use this information to evaluate if additional monitors are needed or if monitors should be moved.</p> <p>Could be included in Element 14: Provide information on the number of monitors at schools and hospitals to the Steering Committee and/or community on the District Community Air Protection webpage.</p>
<ul style="list-style-type: none"> Obtaining traffic counts Evaluating rates of childhood asthma and/or lung disease Monitoring outside factors to assess the reduction of health impacts 	<p>Annually evaluate whether collected air quality data is sufficient to be analyzed with traffic information and/or health information to assess hot spots and health risk.</p>	

Steering Committee Notes from the December 3 Brainstorming	Potential Criteria to Measure Effectiveness	Comments and/or Questions for the Committee
Objective 3 – Determine air quality at sensitive receptor locations, and whether air quality changes by season and locations for these sensitive group locations		
<ul style="list-style-type: none"> • Monitor during different seasons 	<ul style="list-style-type: none"> • Annually evaluate monitoring completeness and seasonal coverage • Annually evaluate whether spatial coverage is adequate near sensitive receptor locations 	
Objective 4 – Determine which source categories the emissions are coming from, and whether the emissions from the sources contribute significantly to poor air quality in nearby areas		
<ul style="list-style-type: none"> • Compare monitoring data to emission inventory • Determine sources and identified problems to feed into the Community Emission Reduction Plan (CERP) 	<ul style="list-style-type: none"> • Annually evaluate collected air quality data completeness for emission inventory/source attribution analysis and identify any information gaps. 	
<ul style="list-style-type: none"> • Use spatial data on toxics to reroute trucks 	<ul style="list-style-type: none"> • Annually evaluate whether collected air quality data indicates emission impacts of <i>traffic emissions</i>. 	Is it just truck traffic emission? Or is it emissions from traffic?

Other Element 12 Criteria

At the December 2019 Steering Committee Meeting, the steering committee did not get a chance to provide feedback on the following criteria in the Blueprint for Element 12: Defines an end point for monitoring. Below is a suggestion to help start the discussion and develop recommended languages for inclusion into the CAMP.

Other Element 12 Criteria	Suggested Element 12 Language
Defines an end point for air monitoring	<ul style="list-style-type: none"><li data-bbox="640 431 1904 539">• Air monitoring will be evaluated after each year to determine how air monitoring and reporting should continue in order to meet the monitoring plan objectives