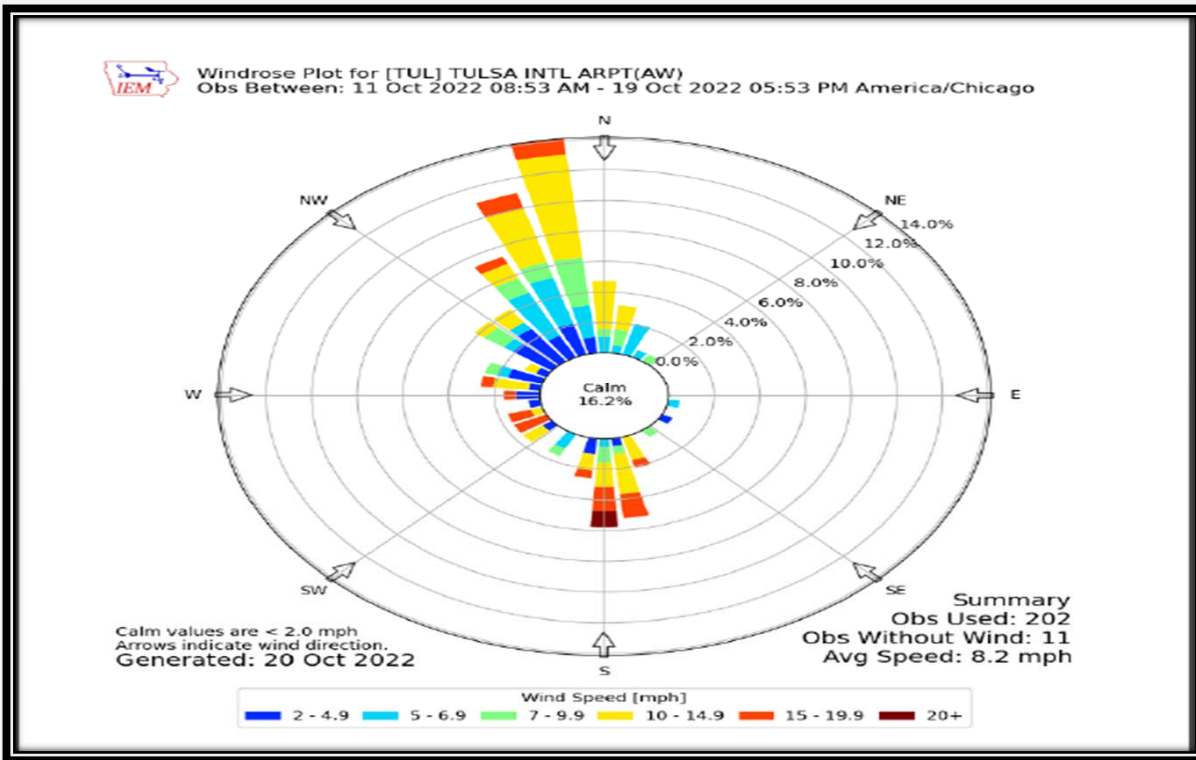


Site Perimeter Air Sampling Results
EPA Region 6
Broken Arrow Land Fill Site
Broken Arrow, Oklahoma

Wind Direction

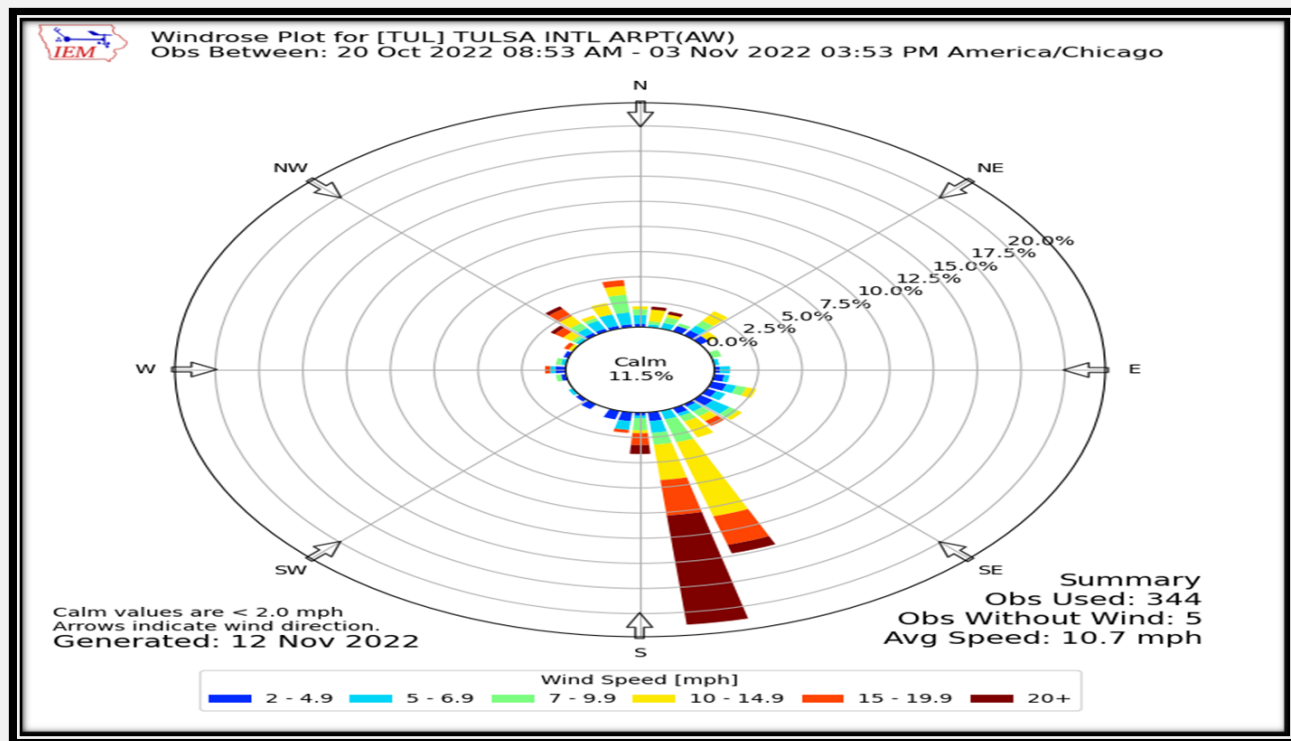


Sample Time Period: 10/11/2022 to 10/19/2022

Sample ID	Isotope	Radiological Sample Result (pCi/L)	
Public Effluent limit	Thorium-232	0.00000080	Pass/Fail
BA-N	Thorium-232	0.00000044	Pass
BA-E	Thorium-232	0.00000035	Pass
BA-W	Thorium-232	0.00000034	Pass
BA-S	Thorium-232	0.00000017	Pass
Public Effluent limit	Radium-228	0.000400	Pass/Fail
BA-N	Radium-228	0.000006	Pass
BA-E	Radium-228	0.000013	Pass
BA-W	Radium-228	0.000016	Pass
BA-S	Radium-228	0.0000094	Pass
Comments:	All air samples are below the public effluent limits.		

Site Perimeter Air Sampling Results
EPA Region 6
Broken Arrow Land Fill Site
Broken Arrow, Oklahoma

Wind Direction

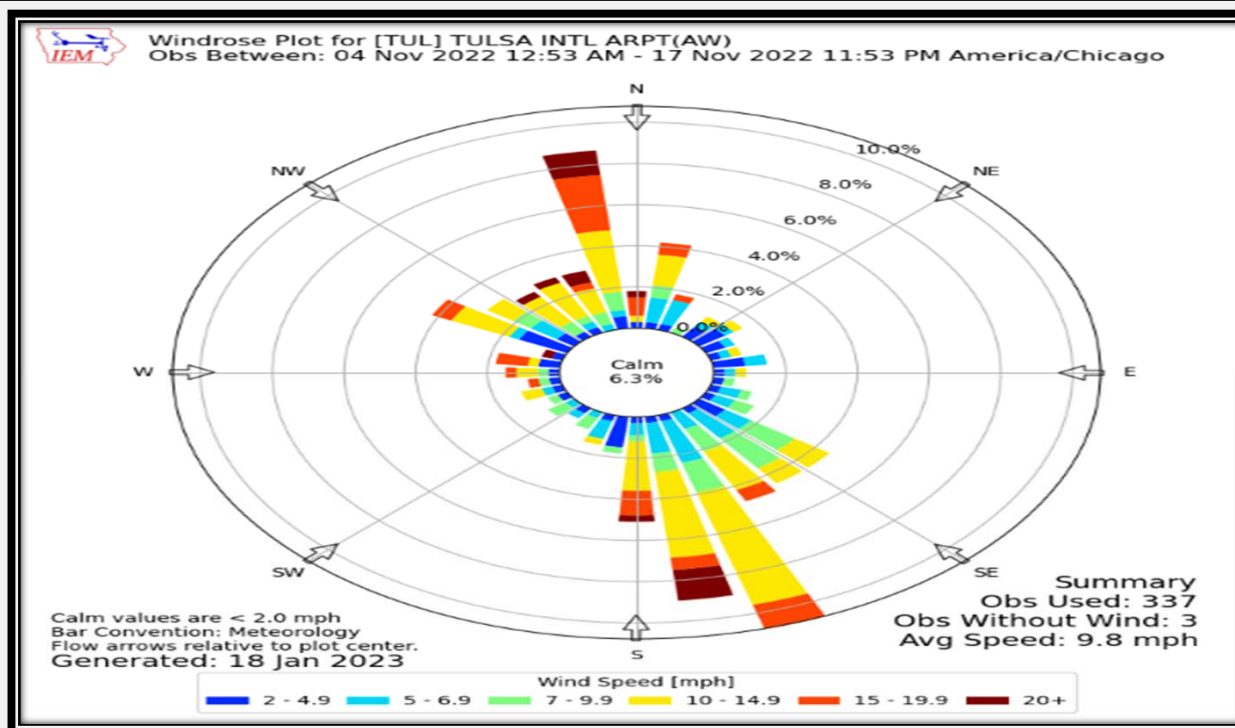


Sample Time Period: 10/19/2022 to 11/03/2022

Sample ID	Isotope	Radiological Sample Result (pCi/L)	
Public Effluent limit	Thorium-232	0.00000080	Pass/Fail
BA-N	Thorium-232	0.00000021	Pass
BA-E	Thorium-232	0.00000017	Pass
BA-W	Thorium-232	0.00000019	Pass
BA-S	Thorium-232	0.00000028	Pass
Public Effluent limit	Radium-228	0.000400	Pass/Fail
BA-N	Radium-228	0.000002	Pass
BA-E	Radium-228	0.000019	Pass
BA-W	Radium-228	0.000025	Pass
BA-S	Radium-228	-0.0000005	Pass
Comments:	All air samples are below the public effluent limits. Negative sample results are below the background of the laboratory counting system.		

Site Perimeter Air Sampling Results
EPA Region 6
Broken Arrow Land Fill Site
Broken Arrow, Oklahoma

Wind Direction

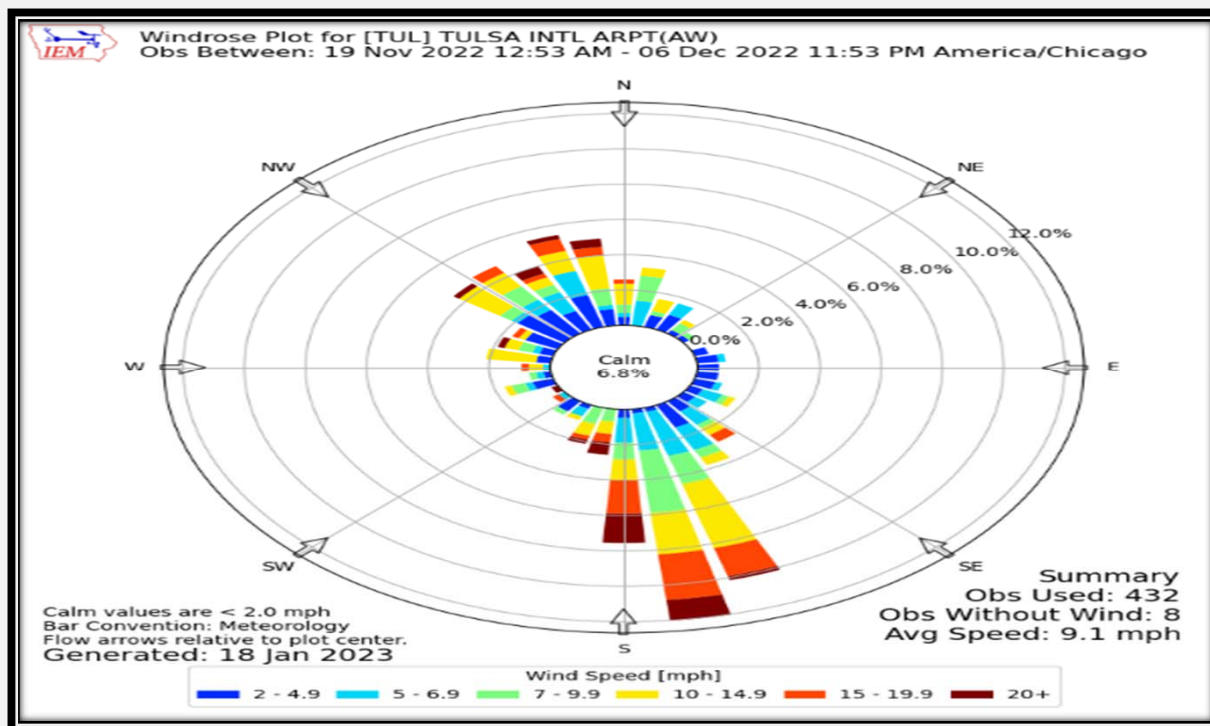


Sample Time Period: 11/04/2022 to 11/18/2022

Sample ID	Isotope	Radiological Sample Result (pCi/L)	
Public Effluent limit	Thorium-232	0.00000080	Pass/Fail
BA-N	Thorium-232	0.00000005	Pass
BA-E	Thorium-232	0.00000005	Pass
BA-W	Thorium-232	0.00000007	Pass
BA-S	Thorium-232	0.00000022	Pass
Public Effluent limit	Radium-228	0.000400	Pass/Fail
BA-N	Radium-228	0.000007	Pass
BA-E	Radium-228	0.000017	Pass
BA-W	Radium-228	0.000018	Pass
BA-S	Radium-228	0.000016	Pass
Comments:	All air samples are below the public effluent limits.		

Site Perimeter Air Sampling Results
EPA Region 6
Broken Arrow Land Fill Site
Broken Arrow, Oklahoma

Wind Direction



Sample Time Period: 11/19/2022 to 12/07/2022

Sample ID	Isotope	Radiological Sample Result (pCi/L)	
Public Effluent limit	Thorium-232	0.00000080	Pass/Fail
BA-N	Thorium-232	0.00000029	Pass
BA-E	Thorium-232	0.00000003	Pass
BA-W	Thorium-232	0.00000021	Pass
BA-S	Thorium-232	0.00000024	Pass
Public Effluent limit	Radium-228	0.000400	Pass/Fail
BA-N	Radium-228	-0.000007	Pass
BA-E	Radium-228	0.000009	Pass
BA-W	Radium-228	0.000028	Pass
BA-S	Radium-228	-0.000003	Pass
Comments:	All air samples are below the public effluent limits. Negative sample results are below the background of the laboratory counting system.		