

Air Quality (AQ) Stakeholder Comment/Review Polk County, Iowa

Online Presentation

This year due to covid-19 restrictions the Polk County - Air Quality program will provide an extended stakeholder group review for the Local Program's draft budget, core program activities, funding and permit fees. The local program review will include all stakeholders interested in the Local Program's proposed budget, core program activities and permit fees.

Comment/Review Period Starts:	December 1 st , 2020
Comment/Review Period Ends:	December 18 th , 2020
Location:	Online (Minor & Major Source Groups)
Comment Email:	airquality@polkcountyiowa.gov
Primary Contact:	Jeremy Becker
Primary Contact Phone#:	(515) 286-2263
Secondary Contact:	Jennifer Bradley
Secondary Contact Phone#:	(515) 286-2227

How to participate?

- To review the materials visit: <https://www.polkcountyiowa.gov/public-works/air-quality/forms-resources/stakeholder-meetings/>
- Review material will be posted on the website as they become available.
- Send comments to: airquality@polkcountyiowa.gov

Services -Minor Sources

- Construction Permits
 - Application review and permit issuance
 - Calculations & Site Visits
 - 15-20 Calendar Days – CP issuance
- Operating Permits
 - Board of Health Rules and Regulations - Chapter V
 - Annual review of equipment lists, name changes, address changes, contact information , partial compliance evaluations (PCE's)
- Compliance Evaluations
 - Full Compliance Evaluations - FCE's (1 in 3 year cycle)
 - Portable Equipment Tracking - Relocation Notices
- Compliance Assistance & Citizen requests
- Air Dispersion Modeling
- EPA ICIS-AIR Compliance Monitoring Tracking & EPA Enforcement and Compliance History Online (ECHO) updates for public view
- Working with Iowa DNR to establish online electronic applications on EASY-Air, delayed until FY22
- EnerGov –infrastructure software that manages permits, code cases, citizen requests, fee payments and document management
- Ambient Monitoring – NAAQS/Attainment

Services –Major Sources

- Construction Permits
 - Application Review and Issuance
 - 10-15 calendar days – CP issuance
- Title V Operating Permits
 - Semi Annual & Annual Compliance Certifications
 - Application Review and Issuance (3 per year)
- Compliance Evaluations
 - Full Compliance Evaluations - FCE's (1 per year)
 - 2 – Joint inspections w/ Iowa DNR
- Stack Test Observations and Review
- Applicability Determinations
- Citizen requests
- Air Dispersion Modeling Reviews
- EPA ICIS-AIR Compliance Monitoring Tracking & EPA Enforcement and Compliance History Online (ECHO) updates for public view
- Working with Iowa DNR to establish electronic applications on Easy-Air, delayed until FY22.
- EnerGov –infrastructure software that manages permits, code cases, citizen requests, fee payments and document management
- Ambient Monitoring – NAAQS/Attainment

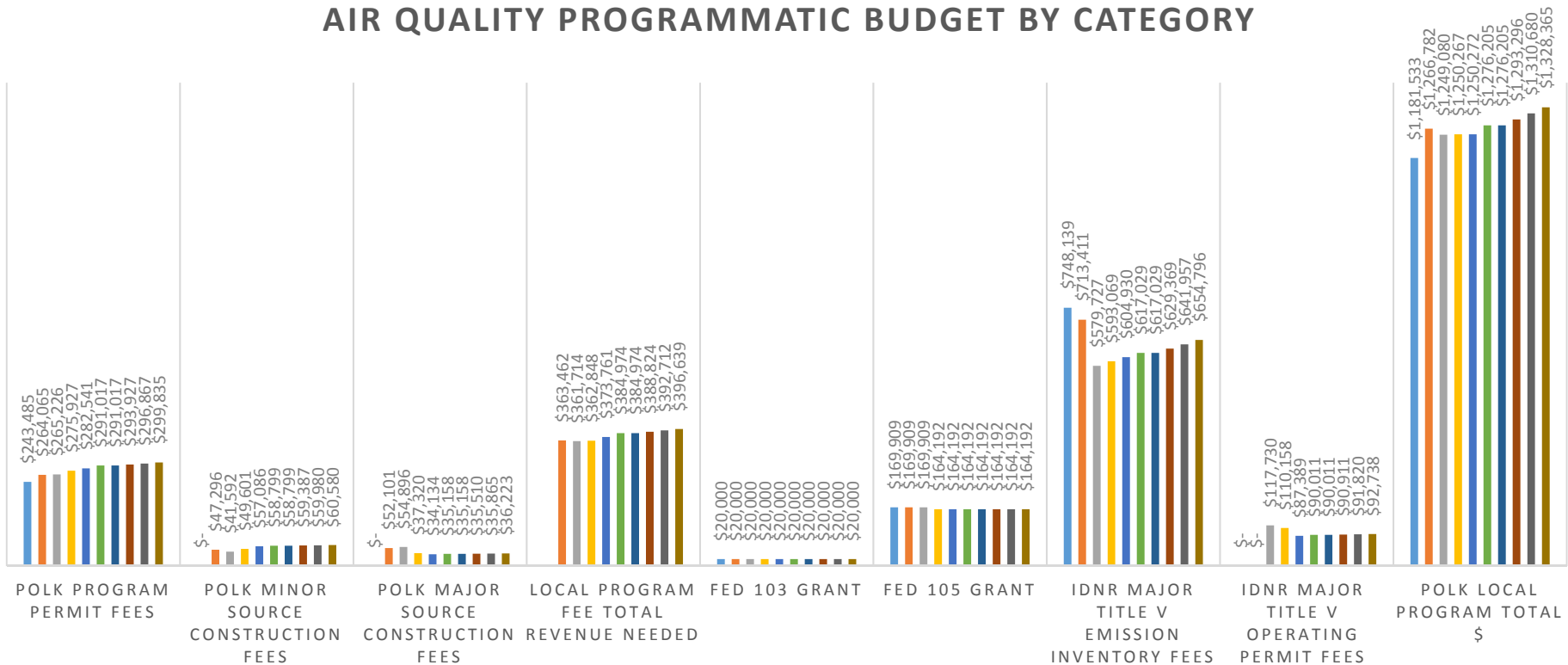
Major Sources

Current Title V Permits

- Archer Daniels Midland- Des Moines Soybean [04-TV-020-R1](#)
- Bridgestone Americas Tire Operations [05-TV-008R1](#)
- CB & I Constructors, Inc. [01-TV-011R2](#)
- Construction Products, Inc. [99-TV-006R3](#)
- Des Moines Metropolitan Wastewater Reclamation Authority [16-TV-007](#)
- Iowa EPS Products, Inc.
- John Deere Des Moines Works [04-TV-017R2](#)
- Magellan Pipeline Co., L.P.- Des Moines Terminal [98-TV-019R3](#)
- Metro Methane Recovery Facility [03-TV-005R2](#)
- Metro Park East Landfill [03-TV-033R2](#)
- MidAmerican Energy Co.- Pleasant Hill CTs/ GDMEC [97-TV-006R3](#)
- MidAmerican Energy Company- River Hills CTs [98-TV-015R3](#)
- MidAmerican Energy Company- Sycamore CTs [98-TV-014R3](#)
- Principal Life Insurance Company [02-TV-019R2](#)
- Quality Manufacturing Corporation [14-TV-013R1](#)
- Siculus, Inc. [18-TV-007](#)
- Siegwark USA Co .- 129 SE 18th St. [03-TV-023R2](#)
- Siegwark USA Co.- SW 56th St. [18-TV-001](#)
- Titan Tire Corporation [02-TV-013R2](#)

Budget & Fee Projections: FY21-FY25

AIR QUALITY PROGRAMMATIC BUDGET BY CATEGORY



Budget Year	Polk Program Permit Fees	Polk Minor Source Construction Fees	Polk Major Source Construction Fees	Local Program Fee Total Revenue Needed	Fed 103 Grant	Fed 105 Grant	IDNR Major Title V Emission Inventory Fees	IDNR Major Title V Operating Permit Fees	Polk Local Program Total \$	Federal Increase	IDNR Title V EI Increase	LP Permit Fees
FY2016	\$ 243,485	\$ -	\$ -	\$ 363,462	\$ 20,000	\$ 169,909	\$ 748,139	\$ -	\$ 1,181,533			
FY2017	\$ 264,065	\$ 47,296	\$ 52,101	\$ 361,714	\$ 20,000	\$ 169,909	\$ 713,411	\$ -	\$ 1,266,782			Projected Increase
FY2018	\$ 265,226	\$ 41,592	\$ 54,896	\$ 362,848	\$ 20,000	\$ 169,909	\$ 579,727	\$ 117,730	\$ 1,249,080			0%
FY2019	\$ 275,927	\$ 49,601	\$ 37,320	\$ 362,848	\$ 20,000	\$ 164,192	\$ 593,069	\$ 110,158	\$ 1,250,267			0%
FY2020	\$ 282,541	\$ 57,086	\$ 34,134	\$ 373,761	\$ 20,000	\$ 164,192	\$ 604,930	\$ 87,389	\$ 1,250,272			0%
FY2021	\$ 291,017	\$ 58,799	\$ 35,158	\$ 384,974	\$ 20,000	\$ 164,192	\$ 617,029	\$ 90,011	\$ 1,276,205	0%	2.0%	3.0%
FY2022 Projected	\$ 291,017	\$ 58,799	\$ 35,158	\$ 384,974	\$ 20,000	\$ 164,192	\$ 617,029	\$ 90,011	\$ 1,276,205	0%	0.0%	0.0%
FY2023 Projected	\$ 293,927	\$ 59,387	\$ 35,510	\$ 388,824	\$ 20,000	\$ 164,192	\$ 629,369	\$ 90,911	\$ 1,293,296	0%	2.0%	1.0%
FY2024 Projected	\$ 296,867	\$ 59,980	\$ 35,865	\$ 392,712	\$ 20,000	\$ 164,192	\$ 641,957	\$ 91,820	\$ 1,310,680	0%	2.0%	1.0%
FY2025 Projected	\$ 299,835	\$ 60,580	\$ 36,223	\$ 396,639	\$ 20,000	\$ 164,192	\$ 654,796	\$ 92,738	\$ 1,328,365	0%	2.0%	1.0%

FY21 vs FY22 Draft Budget

Polk County SFY22 Estimated Budget				Funding Source									
Program				Funding Source									
	FY21	FY22	FY21	FY22	County Annual Fee	County General Fund/Enterprise Account	County Minor CP App Fee	County Major (non-PSD) CP App Fee	103	105	Title V EI Fee	Title V Application Fee	
Title V Operating Permits													
Application Review & Permit Issuance	0.63	0.63	\$76,359	\$76,362								\$76,362	
Management, Secretarial & Data Support	0.02	0.02	\$2,424	\$2,424								\$2,424	
Travel/Training Staff FTE	0.02	0.02	\$2,424	\$2,424								\$2,424	
Travel/Training			\$812	\$812								\$812	
Supplies			\$1,091	\$1,091								\$1,091	
Other			\$2,029	\$2,029								\$2,029	
Indirect			\$3,350	\$3,350								\$3,350	
Title V Operating Permit Subtotal	0.67	0.67	\$88,489	\$88,492	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88,492	
Major Source Construction Permitting													
Application Review & Permit Issuance	0.15	0.15	\$18,181	\$18,181				\$18,181	103	105	Title V EI Fee	Title V Application Fee	
Modeling	0.01	0.01	\$1,212	\$1,212				\$1,212					
Management, Secretarial & Data Support	0.05	0.05	\$6,060	\$6,060				\$6,060					
Travel/Training Staff FTE	0.05	0.05	\$6,060	\$6,060				\$6,060					
Travel/Training			\$361	\$361				\$361					
Supplies			\$485	\$485				\$485					
Other			\$902	\$902				\$902					
Indirect			\$1,300	\$1,300				\$1,300					
Major Source Construction Permitting Subtotal	0.26	0.26	\$34,561	\$34,562	\$0	\$0	\$0	\$34,562	\$0	\$0	\$0	\$0	
Minor Source Construction Permitting													
Application Review & Permit Issuance	0.90	0.90	\$109,084	\$109,088	\$67,634		\$41,453		103	105	Title V EI Fee	Title V Application Fee	
Modeling	0.02	0.02	\$2,424	\$2,424			\$921						
Management, Secretarial & Data Support	0.20	0.20	\$24,241	\$24,242	\$15,030		\$9,212						
Travel/Training Staff FTE	0.05	0.05	\$6,060	\$6,060	\$3,757		\$2,303						
Travel/Training			\$824	\$824	\$511		\$313						
Supplies			\$1,107	\$1,107	\$686		\$421						
Other			\$2,557	\$2,557	\$1,585		\$972						
Indirect			\$5,850	\$5,850	\$3,627		\$2,223						
Minor Source Construction Permitting Subtotal	1.17	1.17	\$152,147	\$152,152	\$94,334	\$0	\$57,818	\$0	\$0	\$0	\$0	\$0	
Core Program Activities*													
Program Development	0.55	0.55	\$66,662	\$66,665	\$11,133				103	105	Title V EI Fee	Title V Application Fee	
Compliance Assistance & Enforcement - Minor	0.66	0.66	\$79,995	\$79,998	\$13,360			\$12,866			\$42,665		
Compliance Assistance & Enforcement - Major	0.66	0.66	\$79,995	\$79,998	\$13,360			\$66,638					
Local Program Permits	0.75	0.75	\$90,903	\$90,907	\$90,907								
Management, Secretarial & Data Support	0.90	0.90	\$109,084	\$109,088	\$18,218			\$21,054			\$69,816		
Travel/Training Staff FTE	0.15	0.15	\$18,181	\$18,181	\$3,036			\$3,509			\$11,636		
Travel/Training			\$3,711	\$3,711	\$530			\$612			\$2,029		
Supplies			\$4,262	\$4,262	\$712			\$823			\$3,728		
Other			\$9,295	\$9,295	\$1,552			\$1,794			\$5,949		
EASY-Air Online Permit Module			\$60,000	\$60,000	\$9,000	\$42,500	\$1,500	\$1,500	\$0	\$1,000	\$4,500		
Indirect			\$18,380	\$18,380	\$3,064			\$3,542			\$11,744		
Core Program Activities Subtotal	3.67	3.67	\$539,898	\$539,914	\$184,871	\$42,500	\$1,500	\$1,500	\$0	\$111,837	\$217,706	\$0	
Ambient Monitoring Activities													
Ambient Monitoring Field Operations	2.40	2.40	\$290,890	\$290,901	\$2,125				103	105	Title V EI Fee	Title V Appl Fee	
Quality Assurance	0.68	0.68	\$82,419	\$82,422	\$8,242			\$20,000			\$240,201		
Management, Secretarial & Data Support	0.10	0.10	\$12,120	\$12,121	\$970			\$8,242			\$65,938		
Travel/Training Staff FTE	0.05	0.05	\$6,060	\$6,060	\$485			\$1,212			\$9,939		
Travel/Training			\$2,832	\$2,832	\$227			\$606			\$4,970		
Supplies			\$3,805	\$3,805	\$304			\$283			\$2,322		
Other			\$5,217	\$5,217	\$417			\$381			\$3,120		
Indirect			\$16,150	\$16,150	\$1,292			\$522			\$4,278		
Equipment (Subtotal for Items below & Existing Network O&M Table)			\$83,461	\$83,461	\$16,717	\$0	\$0	\$0	\$0	\$9,619	\$13,243	\$0	
Engineering, Scientific Equipment, AAM Vehicle			\$44,001	\$44,000	\$0,841			\$0		\$5,400	\$29,759		
Repair, Maintenance of Equipment & Yearly Calibrations			\$22,165	\$22,168	\$4,424			\$0		\$2,314	\$15,421		
Data Processing Equipment			\$14,800	\$14,800	\$2,954			\$0		\$1,545	\$10,301		
Lab Supplies			\$2,495	\$2,498	\$495			\$0		\$261	\$1,737		
Site Needs (Misc. & Monitoring Utilities)			\$2,000	\$2,000	\$420			\$0		\$400	\$1,180		
Vendor Training			\$5,000	\$5,000	\$1,050			\$0		\$1,000	\$2,950		
1-Time Allocation			\$0	\$0	\$0			\$0		\$0	\$0		
Other			\$0	\$0	\$0			\$0		\$0	\$0		
Ambient Monitoring Activities Subtotal	3.23	3.23	\$509,954	\$509,969	\$32,250	\$0	\$0	\$0	\$20,000	\$82,358	\$405,369	\$0	
Total Polk County Budget	9.00	9.00	\$1,325,049	\$1,325,080	\$291,455	\$42,500	\$89,318	\$38,062	\$20,000	\$164,192	\$823,071	\$88,492	

FY22 Budget (projected)

LP FY21	LP FY22	Difference
\$1,325,049	\$1,325,090 (\$60,000 1-time expense for online permits carried forward from FY21 to FY22)	\$41 difference

Personnel Costs FY21	Personnel Costs FY22	Difference
\$1,090,838	\$1,009,879	\$41 difference

Local Program Fees (Core Program Activities)	FY21 (Local Fees)	FY22 (Local Fees)	\$ Change
Program Development, Compliance Assistance, Local Permits, Office/Data Support, Management, Staff Travel/Training, Office Supplies, Indirect & Other	\$393,236	\$393,273	+\$37 Excluding (\$60,000 1-time expense)

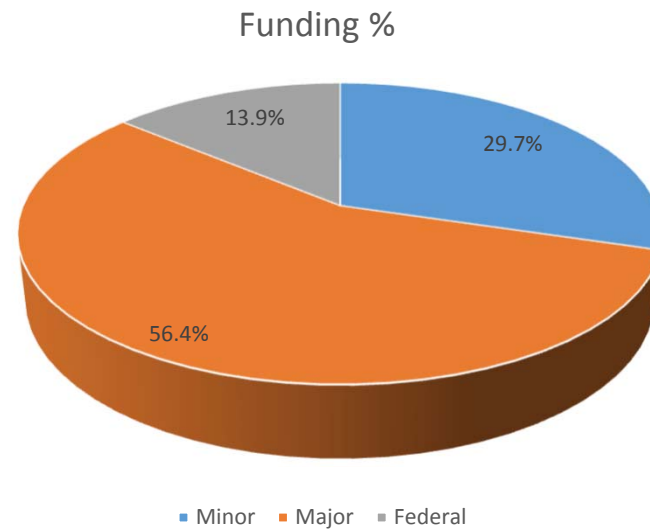
Federal 103 & 105 Grants

Federal Grant Source	FY21	FY22	% Difference
103	\$20,000	\$20,000	0%
105	\$164,192	\$164,192	0%

FY22 Program Funding Percentages

- **FY22 Projected Program Percentages**

- **Major** **56.4%**
- **Minor** **29.7%**
- **Federal** **13.9%**



CY21 No Changes to Major & Minor Source Construction Permit Fees (Operating Permit Fee Cap Added, Burn Permit Fee Added)

Air Quality Division Fee Schedule Calendar Year 2021		Effective 1/1/2021
1. Minor Point Source - Each		
A. Each Emission Point (EU/EP)		\$93
B. Gasoline Dispensing Facilities(GDF's) -- Each location		\$93
C. Government Facilities/Tax Exempt Permit Processing		No Charge
D. Portable Equipment (inactive & not operating in Polk		\$103
2. Refuse Burning Equipment: (Incinerators, Burn-off ovens & Crematories):		
A. Each Emission Point (EU/EP)		\$340
3. Fuel Burning Equipment		
A. Equipment having inputs not to exceed 2,500,000 btu per hour		\$93
B. Equipment having inputs greater than 2,500,000 btu per hour.		\$340
4. Late Fee (after January 20th of permit year)		
		\$25
5. Operating Permits (Minor/SM Sources)		
A. Not To Exceed		\$15,000
1. Construction Permits-Filing and Review Fees:		
A. Minor Source Construction Permit Application		\$565
B. Major Source Construction Permit Application		\$1,900
C. Government Facilities/Tax Exempt Permit Filing		\$155
2. Air Quality Modeling Fees:		
A. Minor Source Modeling Review		\$515
B. Major Source Modeling Review		\$1,030
C. Minor Government/Tax Exempt Facilities Modeling Review		\$103
3. Air Quality Performance Test Review Fee		
A. Minor Source Review		\$220
B. Major Source Review		\$255
4. Air Quality Applicability Determination Review Fee:		
A. Minor Source Review		No Charge
B. Major Source Review		\$1,030
1. Open Fire Fees		
A. Bonfire Permit (Recognized Organizations)		No Charge
B. Fire Department Training Fire Permit		No Charge
C. Flag Retirement Ceremony Permit		No Charge
D. Landscape Waste Permit (Government)		No Charge
E. Right-of-way Cleanup Permit		No Charge
F. Prairie Maintenance Permit		\$25
G. Industrial Training Fire Permit		\$60
H. Clearing and Grubbing Permit (with public notifications included)		\$250
I. Flare Stack Permit		\$250
J. Variance Application Permit (with public notifications included)		\$500
K. Prairie Maintenance Residential		\$100

Major Source Title V Operating Permit Fees

- Billed at the same Iowa DNR hourly rate.
 - Review of each initial or renewal Title V Operating Permit - (\$100/hour)

Next Steps

- Air Quality Fee Schedule (December 21, 2020)
- January 15, 2021 – make any necessary changes and submit a draft budget to the Iowa DNR.

Comments & Questions?