



Linn County Air Program

February 5, 2016



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AGENDA

- Introductions
- Background
- Iowa/Linn Code
 - Basis for Local Program
 - Setting Fees
- DNR / Linn County Contract
- LCPH AQ Budget
 - DNR Funding for Local Programs
 - Linn County Budget
 - Options for local fees
 - Minor sources
 - Major source



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Background on Why We Are Here

- Long history of declining emissions from major sources and with that a declining amount for emission fees collected under Title V.
- In 2014, Iowa Legislature direct DNR to convene a stakeholder group and make recommendations for future funding.
- DNR convened this group and a report was written and submitted in November 2014.
- In 2015, legislature passed a law allowing DNR to charge and retain fees for additional permitting and asbestos activities.
- In December 2015, EPC approved a permit fee structure for construction permits, Title V permits, and asbestos notifications.
- Now, Linn and Polk County is working to set corresponding fees in lieu of recent action by EPC and DNR.



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Iowa Code - Local Air Program

455B.144 Local control program

- Any political subdivision may conduct an air pollution control program.
- Must obtain a certificate of acceptance from the Department.

455B.145 Acceptance of local program

- Consideration shall be given to:
 - Ordinance, rules, and standards for air quality
 - Enforcement of such requirements
 - Administrative, organizational, financial, and other necessary resources.
 - Location of emission monitoring devices

455B.134. Director – duties – limitations

- The director shall review and evaluate air pollution control programs conducted by political subdivisions of the state



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- Linn County was granted the first Certificate of Acceptance to a local program by the Iowa Department of Environmental Quality in 1974.
- Linn County Code of Ordinance Chapter 10 establishes rules for air quality program
 - Rules are updated and sent to DNR, then EPA, for codification in the State Implementation Plan (SIP)
 - By county ordinance, the Air Quality Division is a unit within Linn County Public Health.



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Linn County Board of Health

- Iowa Code Chapter 137 defines the “structure, powers, and duties of local boards of health.”
 - Enforce state health laws and the rules and lawful orders of the state department.
 - Make and enforce rules and regulations for the protection and improvement of local public health.
 - Employ persons as necessary for the efficient discharge of its duties
 - Board of Supervisors duties are to:
 - Appoint county board of health members
 - Rules of a county board shall become effective upon approval by the county board of supervisors



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DNR – Linn County Contract

- This contract is considered to be a joint or co-operative undertaking within the meaning of Iowa Code section 28E.1, approved by the Linn County Board of Health and the Environmental Protection Commission.
- Contract is renewed annually.
- Quarterly, semi-annual, and end-of-year reporting by LCPH to DNR.
- Bi-annual program audit by DNR.
- EPA/SHL Audit of ambient monitoring program



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Contract Staffing Requirements

Position	SFY 2016 FTE (Contracted)	SFY 2017 FTE (Proposed)
Environmental Public Health Manager	0.36	0.35
Air Quality Branch Supervisor	1.00	0.60
Senior Air Permitting Engineer	1.00	1.00
Senior Air Quality Scientist	2.00	1.50
Air Quality Specialist	1.00	1.85
Ambient Air Monitoring Supervisor	0.55	0.55
Ambient Air Monitoring QA/QC Specialist	1.00	1.00
Ambient Air Monitoring Specialist	2.10	2.10
Air Quality Administrative Support Staff	0.50	0.70
TOTAL	9.51	9.65



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Staff Utilization

Staff Utilization	SFY15 Actual	SFY16 Plan	SFY17 Proposed
Minor Source Construction/Local Permitting	0.75	0.45	0.55
Major Source Construction Permitting	1.17	1.15	1.14
PSD Permitting	0.54	0.16	0.19
Title V Operating Permitting	1.15	0.86	0.70
Program Development	0.10	0.50	0.33
Ambient Air Monitoring Supervision	0.25	0.40	0.40
Ambient Air Monitoring Quality Assurance	1.05	1.05	1.05
Ambient Air Monitoring Quality Field Operations	2.20	1.90	1.90
Minor Source Compliance/Inspections	0.62	0.50	0.62
Major Source Compliance/Inspections	0.59	1.10	1.45
Training/Conferences	0.38	0.55	0.53
Administration/Management	0.85	0.75	0.65
Minor Source Modeling	0.05	0.04	0.04
Major Source Modeling	0.03	0.05	0.05
PSD Modeling	0.00	0.05	0.05
Total	9.74	9.51	9.65

Contract Budget

- Five Categories of Expenses. LCPH cannot exceed the budgeted amount in any of these categories without prior approval from DNR
 - Personnel
 - Travel/Training
 - Supplies
 - Equipment (monitoring)
 - Other



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Contract Budget

- Four Categories of Funding. LCPH must stay within the budgeted amount for all state and federal funding
 - State Contribution 105 Funds
 - State Contribution Title V Funds
 - State Contribution 103 Funds
 - Local Program Funds
- With new state rules on permitting fees, we will be splitting out fees from each permit type creating 9 categories of funding.



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Linn County AQ Budget

- Linn County must certify budgets in March.
- Department budgets approved in January.

DNR Category	Total
Personnel	1,093,919
Travel/Training	21,700
Supplies	11,500
Other	32,525
Ambient Air Monitoring	77,750
Reimbursement	-1,104,000
Grand Total	133,394

- Actual costs and revenues are budgeted and tracked by 65 unique “object codes.”



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Funding Sources

	FY16	FY17	FY17-FY16
IDNR			
Title V Emission Inventory Fees	729,355	534,936	-194,419
EPA 105 Grant	125,816	125,186	0
EPA 103 Grant	17,500	17,500	0
IDNR Subtotal	873,507	679,088	-194,419
Linn County			
Local Permit Fees	235,000	437,000	202,000
Local Property Tax	44,066	130,803	96,737
Linn County Subtotal	235,000	494,190	288,737
Grand Total	1,108,507	1,173,278	94,318



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Permit Fee Basis

Programs	Expense	Number	Hrs/Each	\$/Permit	\$/Hour
EPA 103	17,500				
EPA 105	125,816				
Local Minor PTO		964			
Minor Permitting	81,503	109	920	750	89
Title V Emission Fees	534,258				
Local Major PTO		1,208			
Major Permitting	191,433	60	1856	3,200	103
PSD Permitting	40,064		390		107
TV Permitting	115,488		1,092		106
Local General Fund	130,803				



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Fee Scenarios

Minor Sources

1. Minor Construction Permit Flat Fee with PTO Fee
2. Minor Construction Permit Flat Fee without PTO Fee
3. Minor Construction Permit Fee Hourly Rate without PTO fee
4. PTO Fee without Construction Permit Fee

Major Sources

- All PSD/Title V Permits are on an hourly fee per state rule.
- Major Source Construction Permit Fees
 1. Hourly fee without PTO fee
 2. Flat fee without PTO fee
 3. Flat fee with PTO fee
 4. Hourly fee with PTO fee



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Minor Source Permit Fees

1. Flat Fee without PTO

	Rate	No.	Fees
PTO	0	964	0
CP	\$750	109	81,750
Total			81,750

2. Flat Fee with PTO

	Rate	No.	Fees
PTO	\$42	964	40,488
CP	\$385	109	41,965
Total			82,453



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Minor Source Permit Fees

3. Hourly Fee without PTO

	Rate	No.	Fees
PTO	\$0	964	\$0
CP	\$90	920	82,836
Total			82,836

4. PTO Only, No CP Fee

	Rate	No.	Fees
PTO	\$90	964	86,760
CP	\$0	109	\$0
Total			\$86,760



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Major Source Construction Permits

1. Hourly CP Fee without PTO

	Rate	No.	Fees
CP	\$105/hr	1,856	194,880
PSD	\$115/hr	390	44,850
TV	\$100/hr	1,092	109,200
Total			348,930

2. Flat CP Fee without PTO

	Rate	No.	Fees
CP	\$3,200/ea	60	192,000
PSD	\$115/hr	390	44,850
TV	\$100/hr	1,092	109,200
Total			346,050



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Major Source Construction Permits

3. Flat CP Fee with PTO

	Rate	No.	Fees
PTO	\$90/ea	1208	\$108,720
CP	\$1400/ea	60	\$84,000
PSD	\$115/hr	390	\$44,850
TV	\$100/hr	1092	\$109,200
Total			\$346,770

4. Hourly CP Fee with PTO

	Rate	No.	Fees
PTO	\$40/ea	1208	\$48,320
CP	\$80/hr	1856	\$148,480
PSD	\$115/hr	390	\$44,850
TV	\$100/hr	1092	\$109,200
Total			\$350,850



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Questions

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