



# Linn County Air Program

## February 2, 2017



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa



# AGENDA

- Introductions
- Background
- DNR / Linn County Contract
- Draft FY18 Budget
- Proposed Fees



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Background

- Declining Title V emission fees forced a change in how air quality programs are funded in Iowa
- In 2014, Iowa Legislature directed 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 permitting and asbestos notifications.
- In December 2015, EPC approved a permit fee structure for construction permits, Title V permits, and asbestos notifications
- In April 2016, the Linn County Board of Supervisors approved a new fee structure in response to the DNR's new funding model



**Public Health**  
Prevent. Promote. Protect.

**Linn County, Iowa**

# DNR – Linn County Contract

- 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.
  - Construction Permitting
  - Title V Permitting
  - Compliance & Inspections
  - Ambient Air Monitoring
- Renewed annually
- Quarterly, semi-annual, and end-of-year reporting requirements
- Bi-annual program audit by DNR
- EPA/SHL Audit of ambient monitoring program



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Contract Budget

- Six Main Categories
  - Title V Operating Permits
  - Major Source Construction Permitting
  - PSD Permitting
  - Minor Source Construction Permitting
  - Core Program Activities
  - Ambient Monitoring Activities



Application Review & Permit Issuance  
Management, Secretarial & Data Support  
Modeling  
Travel/Training  
Supplies  
Other  
C&E – Major  
C&E – Minor  
Program Development  
AAM Supervision  
AAM Field Operations  
Quality Assurance  
Equipment



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Revenue

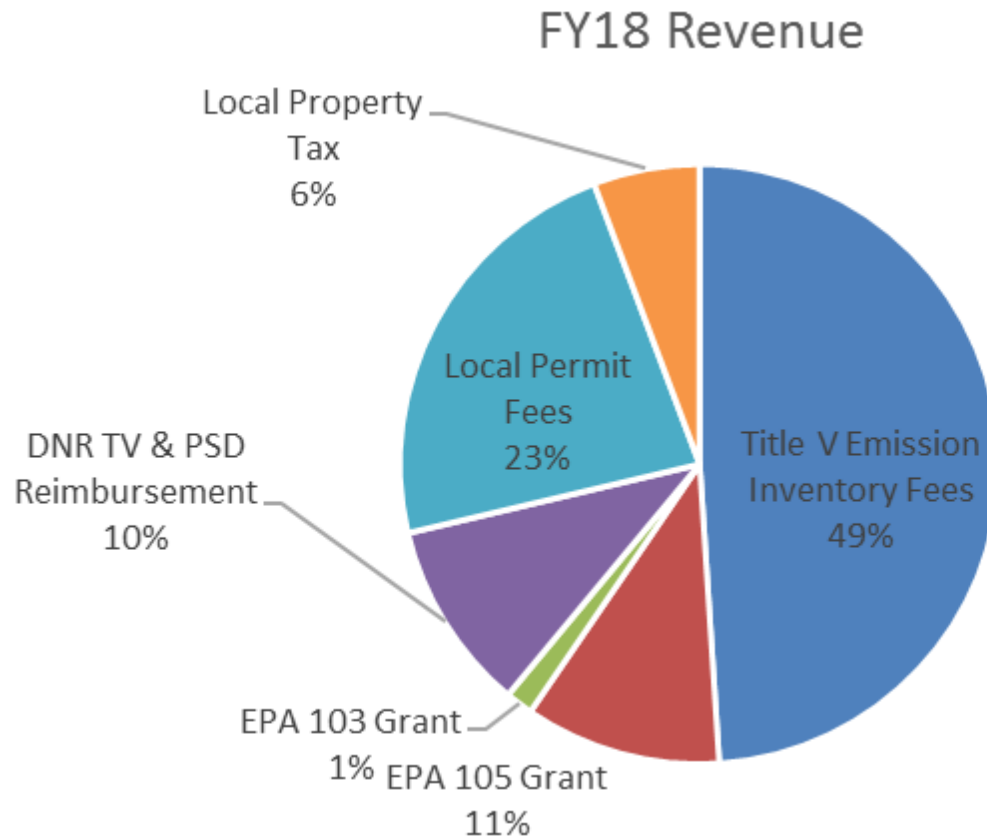
	FY17	FY18	FY18-FY17
<b>DNR</b>			
Title V Emission Inventory Fees	\$585,820	\$578,629	-\$7,191
EPA 105 Grant	\$125,816	\$125,230	-\$586
EPA 103 Grant	\$17,500	\$17,500	\$0
DNR TV & PSD Reimbursement	\$129,567	\$121,419	-\$8,148
<b>DNR Subtotal</b>	<b>\$858,703</b>	<b>\$842,778</b>	<b>-\$15,925</b>
<hr/>			
<b>Linn County</b>			
Local Permit Fees	\$264,974	\$271,257	\$6,283
Local Property Tax	\$54,217	\$67,763	\$13,546
<b>Linn County Subtotal</b>	<b>\$319,191</b>	<b>\$339,020</b>	<b>\$19,829</b>
<hr/>			
<b>Grand Total</b>	<b>\$1,177,894</b>	<b>\$1,181,798</b>	<b>\$3,904</b>



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# FY18 Revenue



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Expenses

	<b>FY17</b>	<b>FY18</b>	<b>FY18-FY17</b>
DNR 28E Contract Personnel	\$948,697	\$947,620	-\$1,077
LCPH AQ Funded Personnel	\$81,722	\$91,203	\$9,481
Travel/Training	\$21,200	\$21,200	\$0
Supplies	\$11,700	\$11,700	\$0
Other	\$27,550	\$27,550	\$0
AAM Equipment & Supplies	\$87,025	\$82,525	-\$4,500
<b>Grand Total</b>	<b>\$1,177,894</b>	<b>\$1,181,798</b>	<b>\$3,904</b>

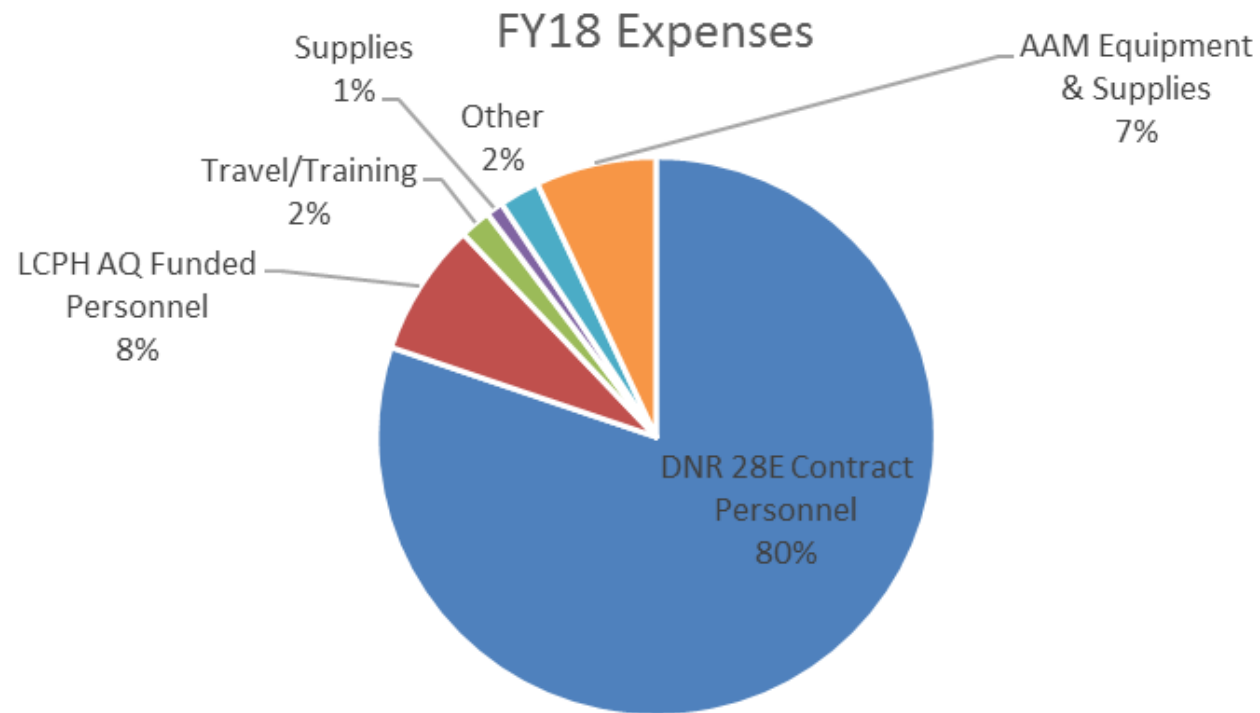


**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa



# FY18 Expenses



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Contract Staffing Requirements

<b>Position</b>	<b>SFY 2017 FTE (Contracted)</b>	<b>SFY 2018 FTE (Proposed)</b>
Environmental Public Health Manager	0.25	0.25
Air Quality Branch Supervisor	0.55	0.55
Senior Air Permitting Engineer	0.90	0.90
Senior Air Quality Scientist	1.50	1.50
Air Quality Specialist	1.85	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	0.70	0.70
<b>TOTAL</b>	<b>9.40</b>	<b>9.40</b>



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Staff Utilization

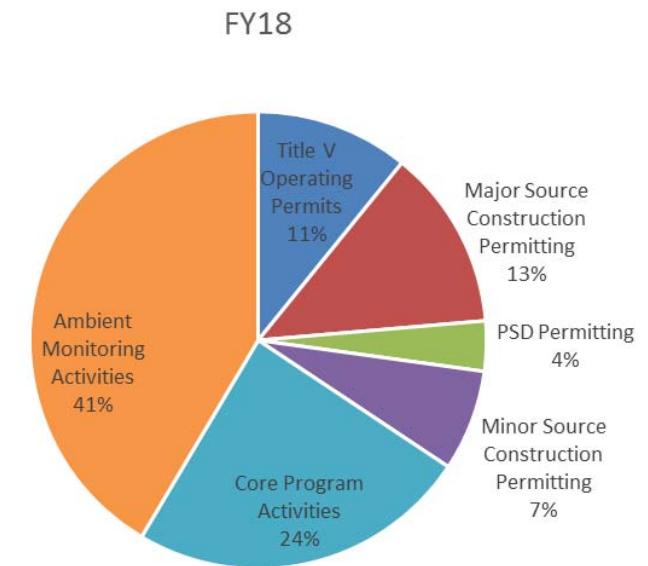
<b>Administration &amp; Management</b>	0.80
<b>Training/Conferences</b>	0.60
<b>Program Development</b>	0.30
<b>Construction Permits</b>	1.44
Minor Source Construction	0.45
Local Operating Permits	0.00
Major Source Construction Permits	0.79
PSD Permits	0.20
<b>Title V Operating Permits</b>	0.85
<b>Ambient Air Monitoring</b>	3.35
AAM Field Operations	1.90
Supervision	0.40
Quality Assurance	1.05
<b>Compliance Inspections</b>	1.92
Minor Source Compliance/Inspections	0.57
Major Source Compliance/Inspections	1.35
<b>Dispersion Modeling</b>	0.14
Minor Source	0.04
PSD Projects	0.05
Major Source	0.05
<b>Totals</b>	<b>9.40</b>

SFY18	Public Health Mgr	J. Hodina - Manager	Shane Dodge - Supervisor	J. Keener - Air Quality Engineer	T. Daugherty - Sr Air Quality Scientist	A. Drehs - Sr Air Quality Scientist	J. White - Air Quality Scientist	Jia Sun - Air Quality Scientist	K. Lundberg - AQ Monitoring Supvr	C. Lampher - QM/C Specialist	D. Burns - Monitoring Specialist	J. Lake - Monitoring Specialist	J. Otto - Monitoring Specialist	Office Specialist - Cindy Shubbart	Account Clerk - Diana Stanford	Subtotal FTE
<b>Administration &amp; Management</b>		0.05	0.05						0.05					0.45	0.20	0.80
<b>Training/Conferences</b>		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05		0.05		0.60
<b>Program Development</b>		0.05	0.05		0.10	0.05			0.05							0.30
<b>Construction Permits</b>																
Minor Source Construction			0.10	0.05	0.07		0.23									0.45
Local Operating Permits																0.00
Major Source Construction Permits			0.10	0.30	0.19	0.20										0.79
PSD Permitting			0.10													0.20
<b>Title V Operating Permits</b>			0.10	0.25	0.30	0.20										0.85
<b>Ambient Air Monitoring</b>																
AAM Field Operations											0.95	0.95				1.90
AAM Supervision								0.40								0.40
Quality Assurance									0.95				0.10			1.05
<b>Compliance Inspections</b>																
Minor Source Compliance/Inspections			0.05	0.05	0.05		0.17	0.25								0.57
Major Source Compliance/Inspections			0.05	0.10	0.10	0.05	0.50	0.55								1.35
<b>Dispersion Modeling</b>																
Minor Source						0.04										0.04
PSD projects						0.05										0.05
Major Source						0.05										0.05
<b>Totals</b>		0.25	0.55	0.90	1.00	0.50	1.00	0.85	0.55	1.00	1.00	1.00	0.10	0.50	0.20	9.40
Local Program Match		0.25	0.05	0.10	0.50	0.50	0.15	0.15	0.55	1.00	1.00	1.00	0.10	0.50	0.20	1.55
Total, with Local Program Match		0.50	0.60	1.00	1.00	1.00	1.00	1.00	0.55	1.00	1.00	1.00	0.10	1.00	0.20	10.95



# Program Breakdown (Contract)

	<b>FY18</b>
Title V Operating Permits	\$118,294
Major Source Construction Permitting	\$139,503
PSD Permitting	\$38,613
Minor Source Construction Permitting	\$78,085
Core Program Activities	\$263,863
Ambient Monitoring Activities	\$452,236
<hr/>	
Grand Total	<b>\$1,090,594</b>



**Public Health**  
Prevent. Promote. Protect.

**Linn County, Iowa**

Program	Sum of County Annual Fee	Sum of County Minor CP App Fee	Sum of County Major (non-PSD) CP App Fee	Sum of 105	Sum of 103	Sum of Title V EI Fee	Sum of PSD Application Fee	Sum of Title V Application Fee	Sum of Total	Pct of Total
[-] Title V Operating Permits						\$35,488		\$82,806	\$118,294	10.85%
[-] Application Review & Permit Issuance						\$29,009		\$67,688	\$96,698	8.87%
[-] Management, Secretarial & Data Support						\$2,252		\$5,254	\$7,505	0.69%
[-] Travel/Training						\$2,889		\$6,742	\$9,631	0.88%
[-] Supplies						\$399		\$931	\$1,330	0.12%
[-] Other						\$939		\$2,191	\$3,131	0.29%
[-] Major Source Construction Permitting	\$16,740		\$122,763						\$139,503	12.79%
[-] Application Review & Permit Issuance	\$10,573		\$77,532						\$88,105	8.08%
[-] Management, Secretarial & Data Support	\$2,362		\$17,318						\$19,679	1.80%
[-] Modeling	\$725		\$5,317						\$6,042	0.55%
[-] Travel/Training	\$2,225		\$16,316						\$18,541	1.70%
[-] Supplies	\$255		\$1,872						\$2,127	0.20%
[-] Other	\$601		\$4,408						\$5,009	0.46%
[-] PSD Permitting							\$38,613		\$38,613	3.54%
[-] Application Review & Permit Issuance							\$23,293		\$23,293	2.14%
[-] Management, Secretarial & Data Support							\$2,027		\$2,027	0.19%
[-] Modeling							\$6,042		\$6,042	0.55%
[-] Travel/Training							\$5,468		\$5,468	0.50%
[-] Supplies							\$532		\$532	0.05%
[-] Other							\$1,252		\$1,252	0.11%
[-] Minor Source Construction Permitting	\$35,919	\$42,166							\$78,085	7.16%
[-] Application Review & Permit Issuance	\$22,268	\$26,141							\$48,410	4.44%
[-] Management, Secretarial & Data Support	\$7,774	\$9,126							\$16,900	1.55%
[-] Modeling	\$2,223	\$2,610							\$4,833	0.44%
[-] Travel/Training	\$2,012	\$2,362							\$4,374	0.40%
[-] Supplies	\$489	\$574							\$1,064	0.10%
[-] Other	\$1,152	\$1,352							\$2,505	0.23%
[-] Core Program Activities	\$30,228			\$61,917		\$171,718			\$263,863	24.19%
[-] Compliance Assistance & Enforcement - Major						\$131,743			\$131,743	12.08%
[-] Compliance Assistance & Enforcement - Minor				\$55,978					\$55,978	5.13%
[-] Management, Secretarial & Data Support	\$5,355			\$1,052		\$7,081			\$13,488	1.24%
[-] Program Development	\$14,364			\$2,822		\$18,995			\$36,182	3.32%
[-] Travel/Training	\$7,322			\$1,439		\$9,683			\$18,444	1.69%
[-] Supplies	\$950			\$187		\$1,256			\$2,393	0.22%
[-] Other	\$2,237			\$440		\$2,958			\$5,635	0.52%
[-] Ambient Monitoring Activities	\$0			\$63,313	\$17,500	\$371,423			\$452,236	41.47%
[-] AAM Supervision	\$0			\$6,592		\$40,494			\$47,086	4.32%
[-] Ambient Monitoring Field Operations	\$0			\$25,028	\$17,500	\$136,246			\$178,774	16.39%
[-] Management, Secretarial & Data Support	\$0			\$921		\$5,659			\$6,581	0.60%
[-] Quality Assurance	\$0			\$13,368		\$82,116			\$95,484	8.76%
[-] Travel/Training	\$0			\$3,852		\$23,662			\$27,514	2.52%
[-] Supplies	\$0			\$596		\$3,659			\$4,255	0.39%
[-] Equipment	\$0			\$11,554		\$70,972			\$82,525	7.57%
[-] Engineering & Scientific Equipment	\$0			\$2,660		\$16,340			\$19,000	1.74%
[-] Lab Supplies	\$0			\$3,332		\$20,468			\$23,800	2.18%
[-] Power & Data - Lease/Maintenance	\$0			\$697		\$4,279			\$4,975	0.46%
[-] Power & Data - Utilities	\$0			\$2,520		\$15,480			\$18,000	1.65%
[-] Repair & Maintenance of Equipment	\$0			\$2,345		\$14,405			\$16,750	1.54%
[-] Vendor Training	\$0			\$0		\$0			\$0	0.00%
[-] One Time Allocation	\$0			\$0		\$0			\$0	0.00%
[-] Other	\$0			\$1,403		\$8,616			\$10,018	0.92%
<b>Grand Total</b>	<b>\$82,888</b>	<b>\$42,166</b>	<b>\$122,763</b>	<b>\$125,230</b>	<b>\$17,500</b>	<b>\$578,629</b>	<b>\$38,613</b>	<b>\$82,806</b>	<b>\$1,090,595</b>	<b>100.00%</b>

# FY17 Estimated Revenue Fees for Service

July 1, 2016 - December 31, 2016

	Actual	12 Month Est	Budget	Variance
LC Minor	\$7,315	\$38,885	\$42,321	(\$3,436)
LC Major	\$69,300	\$138,600	\$122,670	\$15,930
PTO	\$96,830	\$96,830	\$94,109	\$2,721
DNR Title V	\$2,175	\$27,175	\$91,084	(\$63,909)
DNR PSD	\$3,364	\$14,864	\$38,484	(\$23,620)



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Proposed Fees

## FY17

<u>Linn County</u>	Rate	Unit
Minor CP	\$385	each
Major CP	\$2,475	each
Reg/Template	\$100	each
PTO	\$40	annually

<u>DNR</u>	Rate	Unit
PSD	\$115	hour
Title V App	\$100	hour
Title V EIQ	\$67.50	ton

## FY18

<u>Linn County</u>	Rate	Unit
Minor CP	\$385	each
Major CP	\$2,475	each
Reg/Template	\$100	each
PTO	\$40	annually

<u>DNR</u>	Rate	Unit
PSD	\$115	hour
Title V App	\$100	hour
Title V EIQ	\$70.00	ton



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa

# Title V Emission Fee

- DNR estimates 20 – 22% reduction in chargeable emissions
- \$1.4 MM shortfall in Title V emission fee funding
- DNR is asking stakeholders to support a 3.7% increase in the fee from \$67.50 to \$70.00
- Should cover 20% of the shortfall
- Balance met by reducing services in ambient monitoring, dispersion modeling, regional planning and business assistance



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa



# Questions

LCPH Contacts: [www.linncleanair.org](http://www.linncleanair.org)

Jim Hodina  
Environmental Manager  
319-892-6010  
[James.hodina@linncounty.org](mailto:James.hodina@linncounty.org)

Kyle Lundberg  
Laboratory Services Supervisor  
319-892-6010  
[kyle.lundberg@linncounty.org](mailto:kyle.lundberg@linncounty.org)

Shane Dodge  
Air & Water Quality Supervisor  
319-892-6015  
[shane.dodge@linncounty.org](mailto:shane.dodge@linncounty.org)



**Public Health**  
Prevent. Promote. Protect.

Linn County, Iowa