

APPENDIX A - Tables

Table 1 - Characteristics of Major Glacial Formations, Allen County, IN

Advance	Period	Formation	Deposit Characteristics	Comments
Erie Lobe	15,000 to 12,000 years ago	Lagro Formation	<ul style="list-style-type: none"> • Outwash sand and gravel • Lacustrine silt and clay • Stratified sand and gravel • Glacial till (clay loam to silty clay) 	Most recent glacial advance. Advanced from the east. Forms the principal surface till over most of Allen County and northeast Indiana, except in stream valleys where removed by erosion and in north/northwest part of county where Huntertown formation deposits dominate. Characteristically fine textured deposits confine Huntertown and Aboite aquifers.
Saginaw Lobe	17,000 to 15,000 years ago	Huntertown Formation	<ul style="list-style-type: none"> • Lacustrine sand • Lacustrine silt, clay, sand • Stratified sand, gravel, and mudflows • Glacial till (loam, to sandy loam) • Outwash sand 	At or near surface in north/northwest Allen County. Advanced from the north. Responsible for shaping characteristic “hummocky” terrain in this part of the county. Sandy basal outwash forms the basis of the productive Huntertown aquifer underlying northern townships (Eel River, Perry, Cedar Creek and portions of Washington, Springfield, and Lake).
Huron-Erie Lobe	22,000 to 17,000 years ago	Trafalgar Formation	<ul style="list-style-type: none"> • Outwash sand and gravel • Stratified sand, gravel, mudflows • Compacted glacial till (loam) 	Most extensive ice advance in Indiana. Advanced from the east. Largely buried now in Allen County under more recent deposits. Compacted till deposits are often encountered as hardpans in well drilling. Buried outwash deposits and channels underlie the Aboite aquifer system in western Allen County and Huntertown aquifer in north/northwest part of the county.

Table 2 - Major Soil Associations, Allen County, IN

Association Name	Characteristics	% County Area
Morley-Blount	Deep, moderately well-drained to somewhat poorly drained soils on uplands. Nearly level to steep slopes. Medium textures.	40
Blount - Pewamo	Deep, somewhat poorly drained to very poorly drained soils on uplands. Nearly level to gentle slopes. Medium to moderately fine textures.	26
Hoytville-Nappanee	Deep, somewhat poorly drained to very poorly drained soils on uplands. Nearly level slopes. Medium to fine textures.	19
Eel-Martinsville-Genesee	Deep, well-drained to moderately well-drained alluvial soils on stream bottoms and terraces. Nearly level to moderate slopes. Medium to moderately fine textures.	4
Martinsville-Belmore-Fox	Deep, well-drained soils on stream terraces and beach ridges. Nearly level to moderate slopes. Medium to moderately coarse textures.	3
Lenawee-Montgomery-Rensselaer	Deep, very poorly drained soils on uplands, stream terraces and rainears. Nearly level slopes. Medium to fine textures.	3
Renssalaer-Whitaker	Deep, somewhat poorly drained to very poorly drained soils on stream terraces and uplands. Nearly level to gentle slopes. Moderately coarse to fine textures.	3
Carlisle-Willette	Deep, very poorly drained mucky organic soils in upland depressions.	2

Table 3 - Prime Farmland Soils, Allen County, IN

Soil Unit Name	Abbreviation	Limitations
Belmore fine sandy loam, 2 to 6 percent slopes	BeB	None
Belmore loam, 0 to 2 percent slopes	BhA	None
Belmore loam, 2 to 6 percent slopes	BhB	None
Blount loam, 0 to 2 percent slopes	BlA	Requires drainage
Blount silt loam, 0 to 2 percent slopes	BmA	Requires drainage
Blount silt loam, 2 to 6 percent slopes	BmB	Requires drainage
Blount silt loam, 2 to 6 percent slopes, moderately eroded	BmB2	Requires drainage
Bono mucky silty clay	Bn	Requires drainage
Bono silty clay	Bo	Requires drainage
Brookston silt loam	Br	Requires drainage
Brookston silty clay loam	Bs	Requires drainage
Crosby loam, 0 to 2 percent slopes	CrA	Requires drainage
Crosby silt loam, 0 to 2 percent slopes	CsA	Requires drainage
Crosby silt loam, 2 to 6 percent slopes	CsB	Requires drainage
Crosby silt loam, 2 to 6 percent slopes, moderately eroded	CsB2	Requires drainage
Del Rey silt loam	Dr	Requires drainage
Eel loam	Ee	Requires protection from frequent flooding
Eel silt loam	Es	Requires protection from frequent flooding
Fox loam, 0 to 2 percent slopes	FmA	None
Fox loam, 2 to 6 percent slopes	FmB	None
Genesee fine sandy loam, sandy variant	Gn	Requires protection from frequent flooding
Genesee loam	Ge	Requires protection from frequent flooding
Genesee silt loam	Gh	Requires protection from frequent flooding

Table 3 - Prime Farmland Soils (Cont.)

Soil Unit Name	Abbreviation	Limitations
Genesee silty clay loam	Gm	Requires protection from frequent flooding
Gilford fine sandy loam	Go	Requires drainage
Haskins loam, 0 to 2 percent slopes	HaA	Requires drainage
Haskins loam, 2 to 6 percent slopes	HaB	Requires drainage
Hoytville silty clay	Hs	Requires drainage
Lenawee mucky silty clay loam	Le	Requires drainage
Lenawee silty clay loam	Ls	Requires drainage
Martinsville loam, 0 to 2 percent slopes	McA	None
Martinsville loam, 2 to 6 percent slopes	McB	None
Martinsville loam, 2 to 6 percent slopes, moderately eroded	McB2	None
Martinsville loam, gravelly substratum, 0 to 2 percent slopes	MeA	None
Martinsville loam, gravelly substratum, 2 to 6 percent slopes	MeB	None
Martinsville silt loam, 0 to 2 percent slopes	MfA	None
Mermill complex	Mh	Requires drainage
Miami loam, 2 to 6 percent slopes, moderately eroded	MkB2	None
Montgomery silty clay	Mn	Requires drainage
Montgomery silty clay loam	Mo	Requires drainage
Morley silt loam, 2 to 6 percent slopes	MrB	None
Morley silt loam, 2 to 6 percent slopes, moderately eroded	MrB2	None
Nappanee silt loam	Na	Requires drainage
Nappanee silty clay loam	Np	Requires drainage
Oshtemo fine sandy loam, loamy substratum, 0 to 2 percent slopes	OfA	None
Oshtemo fine sandy loam, loamy substratum, 2 to 6 percent slopes	OfB	None
Oshtemo sandy loam, 0 to 2 percent slopes	OsA	None
Oshtemo sandy loam, 2 to 6 percent slopes	OsB	None
Pewamo mucky silty clay loam	Pc	Requires drainage
Pewamo silty clay loam	Pe	Requires drainage

Table 3 - Prime Farmland Soils (Concl.)

Soil Unit Name	Abbreviation	Limitations
Rawson fine sandy loam, 2 to 6 percent slopes	RaB	None
Rawson loam, 0 to 2 percent slopes	RIa	None
Rawson loam, 2 to 6 percent slopes, moderately eroded	RIB2	None
Rensselaer loam	Rm	Requires drainage
Rensselaer mucky silty clay loam	Rn	Requires drainage
Rensselaer silt loam	Ro	Requires drainage
Rensselaer silty clay loam	Rs	Requires drainage
Shoals silty clay loam	Sh	Requires protection from flooding
St. Clair silt loam, 2 to 6 percent slopes	SaB	None
St. Clair silty clay loam, 2 to 6 percent slopes, moderately eroded	ScB2	None
Washtenaw silt loam (Prime farmland if drained)	Wh	Requires drainage
Westland loam	Ws	Requires drainage
Westland silty clay loam	Wt	Requires drainage
Whitaker fine sandy loam, 0 to 2 percent slopes	HnA	Requires drainage
Whitaker loam, 0 to 2 percent slopes	HoA	Requires drainage
Whitaker loam, 2 to 6 percent slopes	HoB	Requires drainage
Whitaker silt loam, 0 to 2 percent slopes	HpA	Requires drainage

Table 4 - Farmland Soils of Statewide Importance, Allen County, IN

Soil Unit Name	Abbreviation
Carlisle muck, drained, 0 to 1 percent slopes	Ca
Linwood muck, drained, 0 to 1 percent slopes	Lw
Adrian muck, drained, 0 to 1 percent slopes	Ta
Wallkill silt loam	Wa
Wallkill silty clay loam	Wc

Table 5 - Hydric Soils, Allen County, IN

Soil Unit Name	Abbreviation	Acreage	% Area
Bono mucky silty clay	Bn	285	0.1
Bono silty clay	Bo	1,367	0.3
Brookston silt loam	Br	222	<0.05
Brookston silty clay loam	Bs	284	<0.05
Carlisle muck, drained, 0 to 1 percent slopes	Ca	6,165	1.4
Gilford fine sandy loam	Go	203	<0.05
Hoytville silty clay loam	Hs	58,439	13.6
Lenawee mucky silty clay loam	Le	302	0.1
Lenawee silty clay loam	Ls	12,914	3.0
Linwood muck, drained, 0 to 1 percent slopes	Lw	135	<0.05
Mermill complex	Mh	786	0.2
Montgomery silty clay	Mn	418	0.1
Montgomery silty clay loam	Mo	1,125	0.03
Pewamo mucky silty clay loam	Pc	582	0.1
Pewamo silty clay loam	Pe	66,568	15.5
Rensselaer loam	Rm	1,822	0.4
Rensselaer mucky silty clay loam	Rn	208	<0.05
Rensselaer silt loam	Ro	725	0.2
Rensselaer silty clay loam	Rs	8,640	2.0
Tawas muck, drained, 0 to 1 percent slopes	Ta	403	0.1
Wallkill silt loam	Wa	307	0.1
Wallkill silty clay loam	Wc	300	0.1
Washtenaw silt loam	Wh	1,937	0.5
Westland loam	Ws	236	0.1
Westland silty clay loam	Wt	170	<0.05

Table 6 - Non-Hydric Soils with Potential Hydric Inclusions, Allen County, IN

Soil Unit Name	Hydric Components	Abbreviation
Belmore loam, 0 to 2 percent slopes	Westland	BhA
Berrien loamy fine sand, moderately fine substratum, 0 to 2 percent slope	Rensselaer	BkA
Blount loam, 0 to 2 percent slopes	Pewamo	BIA
Blount silt loam, 0 to 2 percent slopes	Pewamo	BmA
Blount silt loam, 2 to 6 percent slopes	Pewamo	BmB
Blount silt loam, 2 to 6 percent slopes, moderately eroded	Pewamo	BmB2
Crosby loam, 0 to 2 percent slopes	Brookston	CrA
Crosby silt loam, 0 to 2 percent slopes	Brookston	CsA
Crosby silt loam, 2 to 6 percent slopes	Brookston	CsB
Crosby silt loam, 2 to 6 percent slopes, moderately eroded	Brookston	CsB2
Del Rey silt loam	Bono	Dr
	Montgomery	
Eel loam	Unspecified	Ee
Eel silt loam	Unspecified	Es
Fox loam, 0 to 2 percent slopes	Westland	FmA
Genesee loam	Unspecified	Ge
Genesee silt loam	Unspecified	Gh
Genesee silty clay loam	Unspecified	Gm
Genesee fine sandy loam, sandy variant	Unspecified	Gn
Haskins loam, 0 to 2 percent slopes	Mermill Pewamo	HaA
Haskins loam, 2 to 6 percent slopes	Mermill	HaB
Whitaker fine sandy loam, 0 to 2 percent slopes	Rensselaer	HnA
Whitaker loam, 0 to 2 percent slopes	Rensselaer	HoA
Whitaker silt loam, 0 to 2 percent slopes	Rensselaer	HpA
Whitaker silt loam, 2 to 6 percent slopes	Rensselaer	HoB
Martinsville loam, gravelly substratum, 0 to 2 percent slopes	Rensselaer Westland	MeA
Martinsville silt loam, 0 to 2 percent slopes	Rensselaer	MfA

Table 6 - Non-Hydric Soils with Potential Hydric Inclusions (Concl.)

Soil Unit Name	Hydric Components	Abbreviation
Miami loam, 2 to 6 percent slopes, moderately eroded	Brookston	MkB2
Morley silt loam, 2 to 6 percent slopes	Pewamo	MrB
Morley silt loam, 2 to 6 percent slopes, moderately eroded	Pewamo	MrB2
Nappanee silt loam	Hoytville	Na
Nappanee silty clay loam	Hoytville	Np
Rawson fine sandy loam, 2 to 6 percent slopes	Mermill Pewamo	RaB
Rawson loam, 0 to 2 percent slopes	Pewamo	RIA
Rawson 2 to 6 percent slopes, moderately eroded	Mermill Pewamo	RIB2
St Clair silt loam, 2 to 6 percent slopes	Pewamo	SaB
St Clair silty clay loam, 2 to 6 percent slopes, moderately eroded	Pewamo	ScB2
Shoals silty clay loam	Unspecified	Sh

Table 7 - Reported Occurrences of Rare, Endangered, and Threatened, Species, Allen County, Indiana

Scientific Name	Common Name	Status	No. of Reports	Report Date	Figure ID
Mammals					
<i>Lynx rufus</i>	Bobcat	SE	3	1985, 1990	1
<i>Taxidea taxus</i>	American badger	SE	2	1986, 1988	2
Birds					
<i>Ardea herodias</i>	Great blue heron	**	4	1983, 1993	3
<i>Asio flammeus</i>	Short-eared owl	SE	1	1938	4
<i>Bartramia longicauda</i>	Upland sandpiper	SE	2	1975, 1980	5
<i>Buteo lineatus</i>	Red-shouldered hawk	SSC	2	1940, 1993	6
<i>Buteo platypterus</i>	Broad-winged hawk	SSC	1	1994	7
<i>Certhia americana</i>	Brown creeper	**	2	2000, 2001	8
<i>Circus cyaneus</i>	Northern harrier	SE	1	1988	9
<i>Dendroica cerulea</i>	Cerulean warbler	SSC	1	1991	10
<i>Falco peregrinus</i>	Peregrine falcon	SE, LE	1	2001	11
<i>Ixobrychus exilis</i>	Least bittern	SE	1	1997	12
<i>Lanius ludovicianus</i>	Loggerhead shrike	SE	1	1991	13
<i>Nyctanassa violacea</i>	Yellow crowned night heron	SE	1	1994	14
<i>Nycticorax nycticorax</i>	Back-crowned night heron	SE	2	1938, 1981	15
<i>Phalaropus tricolor</i>	Wilson's phalarope	SX	1	2002	16
<i>Sturnella neglecta</i>	Western meadowlark	SSC	1	1997	17
<i>Tyto alba</i>	Barn owl	SE	1	1990	18
<i>Wilsonia citrina</i>	Hooded warbler	SSC	1	1997	19

Table 7 - Reported Occurrences of Rare, Endangered, and Threatened, Species (Cont.)

Scientific Name	Common Name	Status	No. of Reports	Report Date	Figure ID
Reptiles					
<i>Clemmys guttata</i>	Spotted turtle	SE	1	None	20
<i>Clonophis kirtlandii</i>	Kirtlands snake	SE	2	1959, 1994	21
<i>Emydoidea blandingii</i>	Blandings turtle	SE	3	1903, 1970	22
<i>Sistrurius catenatus catenatus</i>	Eastern massasauga	SE, C	3	1973, 1974, 1994	23
Amphibians					
<i>Rana pipens</i>	Northern leopard frog	SSC	2	1997, 1999	24
Fish					
<i>Ammocrypta pellucida</i>	Eastern sand darter	SSC	1	1941	25
<i>Moxostoma valenciennesi</i>	Greater redhorse	SE	4	1991, 1996, 1997	26
<i>Percina evides</i>	Gilt darter	SE	1	1895	27
Mussels					
<i>Alasmidanta viridis</i>	Slippershell mussel	**	4	1988	28
<i>Epioblasma obliquata perobliqua</i>	White cats paw pearlymussel	SE, LE	7	1912, 1988, 1997,+	29
<i>Epioblasma torulosa rangiana</i>	Northern riffleshell	SE, LE	4	1988	30
<i>Lampsilis fasciola</i>	Wavyrayed lampmussel	SSC	4	1988, 1997	31
<i>Ligumia recta</i>	Black sandshell	**	10	1978, 1979, 1988+	32
<i>Obovaria subrotunda</i>	Round hickorynut	SSC	5	1979+, 1988	33
<i>Pleurobema cava</i>	Clubshell	SE, LE	8	1988, 1997+	34
<i>Ptychbranchus fasciolaris</i>	Kidneyshell	SSC	6	1988+, 1997	35
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	SE	1	1988	36
<i>Toxolasma parvum</i>	Lilliput	**	2	1988	37
<i>Villosa fabalis</i>	Rayed bean	SSC	4	1988+	38

Table 7 - Reported Occurrences of Rare, Endangered, and Threatened, Species (Concl.)

Scientific Name	Common Name	Status	No. of Reports	Report Date	Figure ID
Plants					
<i>Andromeda glaucophylla</i>	Bog rosemary	SR	1	1916	39
<i>Armoracia aquatica</i>	Lake cress	SE	1	1906	40
<i>Chelone obliqua speciosa</i>	Rose turtlehead	**	1	1947	41
<i>Circaea alpina</i>	Small enchanters nightshade	SX	1	1931	42
<i>Coeloglossum viride virescens</i>	Long-bract green orchis	ST	1	1974	43
<i>Crataegus succulenta</i>	Fleshy hawthorn	SR	1	1915	44
<i>Euphorbia obtusata</i>	Bluntleaf spurge	SX	1	1906	45
<i>Phlox ovata</i>	Mountain phlox	SE	3	1914, 1915, 1995	46
<i>Platanthera psycodes</i>	Small purple-fringe orchid	SR	1	1914	47
<i>Poa alsodes</i>	Grove meadow grass	SR	1	1995	48
<i>Scutellaria parvula parvula</i>	Small skullcap	SX	1	1933	49
<i>Spiranthes lucida</i>	Shining ladies tresses	SR	1	1998	50
<i>Spiranthes magnicamporum</i>	Great plains ladies tresses	SE	1	1988	51

+ Indicates live or fresh dead specimen reported. Other mussel reports are historical, subfossil or weathered shells.

LE = Federally endangered- in imminent danger of extinction throughout all or significant portion of national range

LT = Federally threatened – likely to become endangered throughout all or significant portion of national range in the foreseeable future

C = Candidate for listing as federally endangered or threatened

SX = Extirpated –once present in Indiana but now extinct in the state

SE = State endangered – in imminent danger of extinction in the state

ST = State threatened – likely to become endangered within the state

SR = Rare in the state of Indiana – Occurring at 11-20 known sites

SSC = Special concern - Animal species with known problems of limited abundance or distribution in Indiana which warrant close monitoring

WL = State Watch list - Same as special concern but applies to plants and insects

SR = State reintroduced – once extirpated but reintroduced to Indiana

** = Not assigned any of the above designations, but of interest in the state.

Table 8 - High Quality Plant Communities, Allen County, IN

Community	EORANK*	No. of Reports	Total Acres	Location
Central Till Plains Flatwoods	B, C	4	186	Fogwell Forest, McNabb-Walter, and Mengerson Nature Preserves, and private property
Mesic Floodplain Forest	C	1	27	McNabb-Walter Nature Preserve
Wet-Mesic Floodplain Forest	B, C	6	280	Bicentennial Woods, Rodenbeck, and Vandolah Nature Preserves
Dry Upland Forest	C	1	71	Fox Island Nature Preserve
Dry-Mesic Upland Forest	C	1	76	Lindenwood Nature Preserve
Mesic Upland Forest	B, C	4	177	Bicentennial Woods and Vandolah Nature Preserves, and private property
Dry-Mesic Prairie	B, C	2	6	Meno-Aki Nature Preserve and private property
Wetland Swamp Forest	C	1	10	Private property
Wetland Shrub Swamp	B, C	3	111	Bicentennial Woods and Fox Island Nature Preserves, and private property
Wetland Marsh	C	1	116	Fox Island Nature Preserves
Pond	C	1	2	Private property

* EORANK stands for “element occurrence rank” which is an index of overall value that takes into account the quality, condition, and long-term viability of a community, species population, or other natural feature. A=excellent; B= good; C=marginal

Table 9 - Indiana Invasive Species

Scientific Name	Common Name	Habitat
Plants		
<i>Allaria petiolata</i>	Garlic mustard	Woodlands, floodplain forests, stream corridors, yards and gardens
<i>Butomus umbellatus</i>	Flowering rush	Marshes, shorelines
<i>Cabomba caroliniana</i>	Carolina fanwort	Aquatic environments
<i>Celastrus orbiculatus</i>	Asian bittersweet	Woodland borders, old home sites, stream corridors, floodplains
<i>Coronilla varia</i>	Purple crown vetch	Fields, slopes, roadsides, fence rows, waste ground
<i>Cylindrospermopsis spp</i>	Blue green algae	Aquatic environments
<i>Egeria densa</i>	Brazilian elodea	Aquatic environments
<i>Eichhornea azurita</i>	Water hyacinth	Aquatic environments
<i>Elaeagnus umbellata</i>	Autumn olive	Reclamation sites, embankments, old fields, roadsides
<i>Lonicera japonica</i>	Japanese honeysuckle	Woodlands, stream corridors, fencerows, roadsides, trailsides, floodplains
<i>Lonicera maackii</i> , <i>L. morrowii</i> , <i>L. tartarica</i>	Amur, morrow and tartarian bush honeysuckles	Woodland understory, roadsides, stream corridors, floodplain forests
<i>Lythrum salicaria</i>	Purple loosestrife	Marshes, bogs, wet meadows, streambanks, shorelines
<i>Miriophyllum spicatum</i>	Eurasian watermilfoil	Aquatic environments
<i>Phalaris arundinacea</i>	Reed canary grass	Ditches, marshes, streambanks, shorelines
<i>Phragmites australis</i>	Common reed	Ditches, marshes, streambanks, shorelines
<i>Rhamnus cathartica</i> ,	Common buckthorn	Upland woods, old fields
<i>Rhamnus frangula</i>	Glossy buckthorn	Shrub swamps, bogs, moist woods, roadsides, old fields

Table 9 - Indiana Invasive Species (Concl.)

Scientific Name	Common Name	Habitat
Aquatic Nuisance Species		
<i>Aedes albopictus</i>	Asian tiger mosquito	Discarded tires, other containers, isolated pools of shallow, stagnant water
<i>Alosa pseudoharengus</i>	Alewife	Great Lakes, coastal waters
<i>Bythotrepea cederstroemi</i>	Spiny water flea	Great Lakes
<i>Cercopagis pengoi</i>	Fishhook water flea	Great Lakes
<i>Cipangopaludina spp.</i>	Oriental mystery snails	Great Lakes, coastal waters, rivers
<i>Corbicula fluminea</i>	Asiatic clam	Streams and rivers
<i>Ctenopharyngodon idella</i>	Grass carp	Rivers, lakes, ponds
<i>Cyprinus carpio</i>	Common carp	Large rivers, lakes, impoundments
<i>Dorosoma cepedianum</i>	Gizzard shad	Lakes, impoundments
<i>Dreissena polymorpha</i>	Zebra mussel	Great Lakes, large rivers
<i>Gasterosteus aculeatus</i>	Threespine stickleback	Great Lakes, coastal waters *
<i>Hypophthalmichthys molitrix</i>	Silver carp	Large rivers, impoundments
<i>Hypophthalmichthys nobilis</i>	Bighead carp	Large rivers, impoundments
<i>Morone americana</i>	White perch	Great Lakes, large inland lakes
<i>Neogobius melanostomus</i>	Round goby	Great Lakes
<i>Orconectes rusticus</i>	Rusty crayfish	Lakes, rivers, streams
<i>Petromyzon marinus</i>	Sea lamprey	Great Lakes
<i>Scardinius erythrophthalmus</i>	Rudd	Great Lakes

* Partially armored and unarmored freshwater subspecies populations of this fish (*Gasterosteus aculeatus* microcephalus; and *G. aculeatus williamsoni*) are not invasive and are considered endangered or threatened in some parts of the U.S.

Table 10 - Designated Nature Preserves, Allen County, IN

Name	Manager	Access	Acres	Location
Barrett Oak Hill Nature Preserve	ACRES, Inc, IDNR	Restricted	87	Allen/DeKalb Co. Line on Little Cedar Creek
Bicentennial Woods Nature Preserve	ACRES, Inc.	Open	80	Shoaf Rd., Huntertown
Fogwell Forest Nature Preserve	ACRES, Inc.	Open		
Fox Island Nature Preserve	Allen Co. Parks & Recreation Dept.	Open	270	Fox Island Park, near I-24/I-69 interchange, Aboite
Lindenwood Nature Preserve	Fort Wayne Parks Dept.	Open	86	Lindenwood Park, west Fort Wayne, near St. Francis College
Little Cedar Creek Wildlife Sanctuary	ACRES, Inc.	Restricted	18	Adjoining Barrett Oak Hill Nature Preserve along Little Cedar Creek in northern Allen Co.
McNabb-Walter Nature Preserve	ACRES, Inc.	By Permission	48	Northeast Allen County
Mengerson Nature Preserve	ACRES, Inc.	Open	35	Stellhorn Road @ Royal Oaks/Golden Acres
Meno-Aki Nature Preserve	Allen Co. Parks & Recreation Dept.	Open	120	Metea Park, Cedarville
Popp Nature Preserve	ACRES, Inc.	Restricted	21	On Ely Run, north of Fort Wayne
Rodenback Nature Preserve	Izaak Walton League	By permission Restricted	45 70	Adjoins Vandolah Nature Preserve along Cedar Creek
Vandolah Nature Preserve	ACRES, Inc.	Open	45	Vandolah Road. @ I-69 & Cedar Creek

Table 11 - Significant Withdrawal Wells, Allen County, IN

Owner	Water Use	No. of Wells	Capacity (gpm)
Allen County Parks - Metea Pk.	Public Water Supply	1	200
American Electric Power	Energy Production	1	190
Aquasource (4 locations)	Public Water Supply	20	215 to 1500
Arlington Park Association	Irrigation	2	150 & 300
Autumn Ridge Golf Club	Irrigation	2	120 & 400
Autumn Ridge Villas	Miscellaneous	1	120
Bernard Kelley (Trelan Nursery)	Irrigation	1	250
B.F. Goodrich	Industrial	3	400 to 500
BPO Elks Lodge Golf Course	Irrigation	2	80 & 175
Brookwood Golf Course	Irrigation	3	200 to 500
Casad LLC	Industrial	6	20 to 70
Cedar Creek Golf Club	Irrigation	1	300
Chestnut Hills Golf Club	Irrigation	1	250
Cinmas Corp.	Energy Production	2	250 & 500
City of Woodburn	Public Water Supply	3	140 & 184
Colonial Development	Irrigation	1	1000
Colonial Oaks Golf Club	Irrigation	2	750 & 750
Country Court Estates	Public Water Supply	2	50 & 200
Dana Corp. (Torque & Traction Mfg.)	Industrial	3	280 to 650
Deer Track Golf Club	Irrigation	3	20 to 325
East Allen Co. Schools (6 locations)	Public Water Supply	11	85 to 300
Fairview Golf Club	Irrigation	2	250 & 250
Fort Wayne Country Club	Irrigation	5	40 to 225
Fred Burke	Rural Use	1	180
Gables Management Group	Irrigation	1	80
General Mills	Irrigation	1	165
Gladieux Refinery, Inc.	Industrial	4	100 to 300
Greyfox Public Water Supply	Public Water Supply	2	35 & 90
Huntertown Utilities	Public Water Supply	3	460 to 500
John Felger	Irrigation	1	25(525 total w/ surface intake)
Keystone Concrete	Industrial	2	200 & 200
Lake Side Golf Club	Irrigation	2	150 & 300
Lakes at Chestnut Villas	Miscellaneous	1	80

Table 11 - Significant Withdrawal Wells (Concl.)

Owner	Water Use	No. of Wells	Capacity (gpm)
Maumee Valley Golf Club	Irrigation	1	250
Meridian Automotive Systems	Industrial	2	165 & 350
Orchard Ridge Country Club	Irrigation	4	80 to 300
Panhandle East Pipeline Co.	Irrigation	2	300 & 300
Parkview Hospital	Public Water Supply	1	250
Pine Valley Country Club	Irrigation	2	230 & 328
Pioneer Water	Public Water Supply	2	100 & 100
Pond-a-River Golf Club	Irrigation	1	15 (1015 w/ surface intake)
Regency Canterbury Ltd.	Irrigation	1	200
Richard Freeland	Miscellaneous	2	150 & 190
S&S Optical Co.	Energy Production	1	120
Slater Steels	Industrial	3	300 to 500
Southwest Allen County. Schools	Irrigation	3	50 to 50
Sycamore Hills Golf Club	Irrigation	2	400 & 400
Tom Kelley (2 locations)	Energy Production, Miscellaneous	4	30 to 250
Town of Grabill	Public Water Supply	2	300 & 300
Town of Monroeville	Public Water Supply	3	200 to 200
W & W Concrete, Inc.	Industrial	2	50 & 250
Willow Ridge Golf Club	Irrigation	2	450 & 450

Table 12 - Public Water Systems Using Groundwater, Allen County, IN

Water System Name	Location	Type	Population Served
Aboite Missionary Church	7222 W. Jefferson Blvd. Fort Wayne, IN 46804	NC	200
Allen Co. Police Reserve	3022 Easterday Rd. Fort Wayne, 46808	NC	50
Antioch Lutheran Church	14921 Minnich Rd. Hoagland, IN 46745	NC	60
Aqua Source – Aboite	Highway 14 West, FortWayne, IN 46818	C	28,000
Aqua Source – North End	2200 West Cook Rd. Fort Wayne, IN 46818	C	14,000
Arcola Rest Area - East	US Route 30 East Fort Wayne, IN 46808	NC	600
Arcola Rest Area - West	US Route 30 West Arcola, IN 46704	NC	600
Arcola School	11006 Arcola Road Arcola, IN 46704	NTNC	200
Ari Church of God	19225 Wappes Rd. Churbusco, IN 46723	NC	40
BF Goodrich	18906 U.S. Highway 24 Woodburn, IN 46797	NTNC	1700
Billy's	US 30 East Monroeville, IN 46773	NC	90
Black Creek Amish School	17116 Notestine Rd. Woodburn, IN 46797	NC	35
Brands Country Kitchen Supplies	310 Racquet Drive Fort Wayne, IN 46825	NTNC	75
Brookwood Golf Course	10304 Bluffton Rd.	NC	50
Byron Complex	2116 Carroll Rd. Fort Wayne, IN 46818	NTNC	700
Carroll Community Center	4506 Carroll Rd. Fort Wayne, IN 46808	NC	25
Cedar Creek Amish School #3	Page Rd. Grabill, IN 46741	NC	100
Cedar Creek Church of Christ	12606 Leo Rd Leo, IN 46765	NC	325
Cedar Creek Church of Christ Day Care	12606 Leo Rd Leo, IN 46765	NTNC	60

Table 12 - Public Water Systems Using Groundwater (Cont.)

Water System Name	Location	Type	Population Served
Cedar Creek Golf Club	10000 Garman Rd. Leo, IN 46765	NC	150
Cedarville Community Church	12828 Main St. Leo, IN 46765	NC	30
Cedarville Elementary School	12225 Hardisty Rd. Fort Wayne, IN 46845	NTNC	610
Cedarville Park	State Rd. 1 Leo, IN 46765	NC	2387
Checkerz Bar	1706 West Till Rd. Fort Wayne, IN 46818	NC	200
Church of Christ of East Allen	3800 Minnick Rd. New Haven, IN 47774	NC	60
City of Woodburn	4217 Ara Ct. Woodburn, IN	C	350
Colonial Golf Course	8218 Hugenord Rd. Fort Wayne, IN 46808	NC	200
Country Court Estates	10744 US 27 South Fort Wayne, IN	C	695
County Line Church of God	7716 N. County Line Rd. Auburn, IN 46706	NC	60
Dunfee Missionary Church	818 NW County Line Rd. Fort Wayne, IN 46818	NC	25
Dutch Made, Inc.	10415 Roth Rd. Grabill, IN 46741	NTNC	100
East Liberty United Methodist Church	12225 Barkley Rd. Monroeville, IN 46773	NC	25
Emmanuel Community Church	12222 US 24 West Fort Wayne, IN 46804	NC	150
Emmanuel Lutheran Church	9909 Wayne Trace Fort Wayne, IN 46816	NC	45
Faith Missionary Church	1613 Grove Drive Fort Wayne, IN 46808	NC	25
Fox Island Nature Preserve	7324 Yohne Rd. Fort Wayne, IN 46809	NC	100

Table 12 - Public Water Systems Using Groundwater (Cont.)

Water System Name	Location	Type	Population Served
Grabill Water Works	Sawmill Dr. Grabill, IN 46741	C	1113
Grayfox Public Water Supply	7303 Witling Blvd. Roanoke, IN 46783	C	104
Hanson Aggregates Midwest	6100 Ardmore Ave. Fort Wayne, IN 46809	NTNC	39
Harlan Elementary School	12616 Spencerville Harlan, IN 46743	NTNC	500
Heritage High School	13608 Monroeville Rd. Monroeville, IN 46773	NTNC	800
Hoagland Elementary School	12009 Hoagland Rd. Hoagland, IN 46745	NTNC	400
Hoagland Pizza	14810 First St. Hoagland, IN 46745	NC	25
Homestead Inn	10930 US 24 West Fort Wayne, IN 46809	NC	60
Hope United Methodist Church	6608 Hoagland Rd. Fort Wayne, IN 46745	NC	150
Huntertown Water Works	1707 Gump Rd. Huntertown, IN 46748	C	3780
Indiana State Police Fort Wayne District # 22	5811 Ellison Rd. Fort Wayne, IN 46804	NTNC	50
Izaak Walton League	17100 Griffin Rd. Huntertown, IN 46748	NC	25
Lake Chapel United Methodist Church	8205 Butt Rd. Fort Wayne, IN 46818	NC	60
Lassus Handy Dandy	12010 US Hwy 24 West Fort Wayne, IN 46825	NC	25
Leo Café	State Rd. 1 Leo, IN 46765	NC	25
Leo Elementary School	14815 Wayne St. Leo, IN 46765	NTNC	600
Leo High School	14600 Amstutz Rd. Leo, IN 46765	NTNC	1100

Table 12 - Public Water Systems Using Groundwater (Cont.)

Water System Name	Location	Type	Population Served
Leo Pizza	14515 Leo Rd. Leo, IN 46765	NC	25
Leo United Methodist Church	13527 Leo Rd. Leo, IN 46765	NC	75
M&W Countertops	11934 Witmer Rd. Grabill, IN 46741	NTNC	25
Maple Lane School	Springfield Center Rd. Grabill, IN 46741	NC	80
Maumee Valley Amish School	7630 Roberts Rd. Fort Wayne, IN 46123	NC	25
Maysville Region Water & Sewer District **	18633 State Rd. 37 Harlan, IN 46743	C	1500
McMillen Program Ctr – Gathering Center	17107 Griffin Rd. Huntertown, IN 46748	NC	26
McMillen Program Ctr - Hostel	17107 Griffin Rd. Huntertown, IN 46748	NC	75
McMillen Program Ctr – Lodge	17107 Griffin Rd. Huntertown, IN 46748	NC	125
McMillen Program Ctr – Whispering Pine	17107 Griffin Rd. Huntertown, IN 46748	NC	75
Meridian Automotive Systems	14123 Roth Rd. Grabill, IN	NTNC	400
Milan Ctr. Amish School	4614 Doty Rd. New Haven, IN 46774	NC	110
Mill Road Estates	15001 Mill Rd. Fort Wayne, IN 46816	C	75
Monroeville Water Works	101 South Water St. Monroeville, IN 46773	C	1530
Monson Chapel Methodist Church	11431 Lower Huntington Rd., Roanoke, IN 46783	NC	80
Muldoons	3620 E. Yoder St. Fort Wayne, IN 46819	NC	30
New Hope Worship Ctr.	9019 Stellhorn Rd. Fort Wayne, IN 46815	NC	25
Nine Mile Methodist Church	6303 Winters Rd. Fort Wayne, IN 46807	NC	25

Table 12 - Public Water Systems Using Groundwater (Cont.)

Water System Name	Location	Type	Population Served
North Leo Mennonite Church	P.O. Box 213, State Rd. 1 Leo, IN 46765	NC	40
Parkview Hospital	2200 Randallia Fort Wayne, IN 46805	NC	25
Pioneer Water	916 Coliseum Blvd. Leo, IN 46808	C	832
Pond-a-River Golf Course	26025 River Rd. Woodburn, IN 46797	NC	175
Prince of Peace Lutheran Church	12640 Saint Joe Rd. Grabill, IN 46741	NC	75
Quixote Hills Reception Hall	14013 Emmanuel Rd. Hoagland, IN 46745	NC	60
Red Cedar Ctr.	3900 Hursch Rd. Fort Wayne, IN 46845	NC	75
Renaissance Village Nursing Home	6050 S. 800 East 92 Fort Wayne, IN 46804	C	
Ridgeview Mennonite Church	10711 Roberts Rd. Woodburn, IN 46797	NC	75
Robinson Chapel United Methodist Church	12707 Tonkel Rd. Fort Wayne, IN 46845	NC	50
Ron Lunz	5915 Ardmore Ave. Fort Wayne, IN 46809	NC	30
Shiloh Reception Hall	3127 Carroll Rd. Fort Wayne, IN 46818	NC	70
South Scipio United Brethren Church	25000 Antwerp Rd. Harlan, IN 46743	NC	50
Southcrest Mobile Home Park	11420 Highway 27 South Fort Wayne, IN 46816	C	150
Southwest Assembly of God	7702 Smith Rd. Fort Wayne, IN 46809	NC	40
Springfield Ctr. Amish School	14735 Cuba Rd. Grabill, IN 46741	NC	170
St. Aloysius Catholic School	14607 Bluffton Rd. Yoder, IN 46798	NTNC	200
St. John Lutheran Church & School	12912 Franke Rd. Monroeville, IN 46773	NTNC	110

Table 12 - Public Water Systems Using Groundwater (Concl.)

Water System Name	Location	Type	Population Served
St. John's Lutheran Church	7914 West Cook Rd. Fort Wayne, IN 46818	NC	80
St. Joseph Hessen Cassel Catholic School	11521 Old State Rd. 27 S Fort Wayne, IN 46816	NTNC	200
St. Louis Catholic Church & School	15335 Lincoln Hwy East New Haven, IN 46774	NTNC	125
St. Mark's Lutheran Church	16933 Thiele Rd. Fort Wayne, IN 46819	NC	50
St. Patrick's Church of Arcola	Arcola Rd. Fort Wayne, IN 46818	NC	25
St. Paul's Lutheran Church	1910 Berthaud Rd. New Haven, IN 46774	NC	35
Suburban Bethlehem Lutheran Church	6318 West California Fort Wayne, IN 46818	NC	85
Suburban Lutheran School	6318 West California Fort Wayne, IN 46818	NTNC	220
The Hayloft	15112 Brunson Rd. Hoagland, IN 46745	NC	55
Three Kings Tavern	121 South 1 st , Box 41 Hoagland, IN 46745	NC	200
Trinity Presbyterian Church	9600 St. Joe Rd. Fort Wayne, IN 46835	NC	25
Wallen Pines	2921 Wallen Rd. Fort Wayne, IN 46808	NC	44
Westridge School	12310 Notestine Rd. Grabill, IN 46741	NC	60
Woodburn Water Works	22630 Front St. Woodburn, IN 46797	C	1321
Woodlan High School	17215 Woodburn Rd. Woodburn, IN 46797	NTNC	750
Zion Lutheran Church	7616 Bull Rapids Rd. Woodburn, IN 46797	NC	60

C = Community System

NC = Noncommunity System serving transient population

NTNC = Noncommunity System serving nontransient population

** = System uses purchased groundwater

Table 13 - Public Water Systems with Wellhead Protection Programs, Allen County, IN

Water System Name	Community Served
Aqua Source - North End Water Supply	Aboite
Country Court Estates	Country Court Estates Mobile Home Park
Grabill Water Works	Grabill
Huntertown Water Works	Huntertown
Monroeville Water Works	Monroeville
Mill Road Estates	Mill Road Estates Mobile Home Park
Pioneer Water	Private Residential Area (Leo)
Southcrest Mobile Home Park	Southcrest Mobile Home Park
Renaissance Village Nursing Home	Renaissance Village Nursing Home
Woodburn Water Works	Woodburn
City of Woodburn	Woodburn

Table 14 - Septic System Suitability Ratings of Soils, Allen County, IN

Soil Type	Abbreviations	Rating	Limitations
Belmore	BeB, BhA, BhB	Slight	Seepage
Berrien	BkA	Slight	Seepage
Blount	BIA, BmA, BmB, BmB2	Severe	Seasonal high water table, slow permeability
Bono	Bn, Bo	Severe	High water table, slow permeability
Brookston	Br, Bs	Severe	High water table, slow permeability
Carlisle	Ca	Severe	High water table
Chelsea	ChB, ChC, ChD	Slight	Seepage
Crosby	CrA, CsA, CsB, CsB2	Severe	Seasonal high water table, moderately slow permeability
Del Rey	Dr	Severe	Seasonal high water table, moderately slow permeability
Eel	Ee, Es	Severe	Flooding
Fox	FmA, FmB, FmC2	Slight	Seepage
Genesee	Ge, Gh, Gm, Gn	Severe	Flooding
Gilford	Go	Severe	High water table
Haskins	HaA, HaB,	Severe	High water table, moderately slow permeability

Table 14 - Septic System Suitability Ratings of Soils (Concl.)

Soil Type	Abbreviations	Rating	Limitations
Hoytville	Hs	Severe	High water table, slow permeability
Lenawee	Le, Ls	Severe	High water table, slow permeability
Linwood	Lw	Severe	High water table
Martinsville	McA, McB, McB2, McC2, MfA, MgC3, Me, MeB	Slight	Slope, seepage
Mermill	Mh	Severe	High water table, slow permeability
Miami	MkB, MIC2, MmC3	Moderate	Slow subsoil permeability, slope
Montgomery	Mn, Mo	Severe	High water table, very slow permeability
Morley	MrB, MrB2, MrC, MrC2, MrD2, MrE2, MsB3, MsC3, MsD3, MsE3	Severe	Slow permeability
Nappanee	Na, Np	Severe	High water table, very slow permeability
Oshtemo	OfA, OfB, OfC2, OsA, OsB	Slight	Seepage, slope
Pewamo	Pc, Pe	Severe	High water table, slow permeability
Plainfield	PIB, PIC	Slight	Seepage, slope
Rawson	RaB, RIA, RIB2, RIC2	Severe	Slow permeability
St. Clair	SaB, ScB2, ScC2	Severe	Very slow permeability
Shoals	Sh	Severe	High water table, flooding
Tawas	Ta	Severe	High water table
Wallkill	Wa, Wc	Severe	High water table, flooding
Washtenaw	Wh	Severe	High water table, moderately slow permeability
Westland	Ws, Wt	Severe	High water table, slow permeability
Whitaker	HnA, HoA, HoB, HpA	Severe	High water table, moderately slow permeability
Willette	Wu	Severe	High water table

Table 15 - NPDES Permitted Facilities, Allen County, IN

Facility Name	Location	Permit Type	Ownership
30/469 Travel Plaza		Storm Water	Private
Allen County Regional Sewer District	Arcola	Standard	Public
Allen County Regional Sewer District		Sludge	Public
Arcola Rest Area US 30	Arcola	Standard	Public
B & B Custom Plating	Hoagland	Standard	Private
Cambridge Industries, Inc.	Grabill	General Permit	Private
Canyon Run		Storm Water	Private
Carrington Pointe Mfg Housing	Fort Wayne	Storm Water	Private
Centennial Industrial Park		Storm Water	Private
Covington Road Water Treatment Plant	Fort Wayne	Standard	Private
Cross Creek Commons		Storm Water	Private
Dana Spicer Manufacturing Inc.	Fort Wayne	Standard	Private
Deli Depot Marathon Station	Fort Wayne	General Permit	Private
Dupont Water Treatment Plant	Fort Wayne	Standard.	Private
Edgewood Industrial Park Bulk Dist.		Storm Water	Private
Fort Wayne Metals	Fort Wayne	General Permit	Private
Fort Wayne Municipal STP	Fort Wayne	Sludge	Public
Fort Wayne Municipal STP	Fort Wayne	Standard	Public
Fort Wayne Wire Die, Inc.	Fort Wayne	Standard	Private
Grabill Water Works	Grabill	Standard.	Public
Hanson Aggregates, Ardmore Quarry	Fort Wayne	General Permit	Private
Hanson Aggregates, Midwest Quarry	Edgerton	General Permit	Private
Hanson Aggregates, Woodburn Quarry	Woodburn	Standard	Private
Havenwood Forest Subdivision	Woodburn	Standard	Pub/Pri.
Heritage High School		Sludge	Pub/Pri.
Hessen Utilities, Inc.	Fort Wayne	Standard	Pub/Pri.
Homestead Hills Subdivision		Storm Water	Private
Indiana-Purdue Parking Garage		Storm Water	Private
Leo Post Office Development		Storm Water	Private
Mechanics Laundry Div., Cintas	Fort Wayne	General Permit	Private
Mill Road Estates M.H.P.		Standard	Pub/Pri.
Monroeville Municipal STP		Sludge	Public
Monroeville Municipal STP	Monroeville	Standard	Public
Monroeville Water Works	Monroeville	Standard	Public
Mystic Woods		Storm Water	Private
New Haven STP	New Haven	Standard	Public

Table 15 - NPDES Permitted Facilities (Concl.)

Facility Name	Location	Permit Type	Ownership
New Haven STP		Sludge	Public
Norfolk & Western Railway Co.	Fort Wayne	Standard	Private
Praise Lutheran Church		Storm Water	Private
Raytheon	Fort Wayne	Standard	Private
Saint Joseph School		Standard	Pub/Pri.
Southcrest Mobile Home Park	Fort Wayne,	Standard	Pub/Pri.
Stellhorn Plaza (Road Project)		Storm Water	Private
Stone-Street Quarries, Inc.	Hoagland	Standard	Private
Stoneco, Ft. Wayne Quarry #16	Fort Wayne	General	Private
Sweetwater Sound, Inc. WWTP	Fort Wayne	Standard	Pub/Pri.
The Chapel		Storm Water	Private
The Oaks, Section 5		Storm Water	Private
Uniroyal Goodrich Tire Company	Woodburn	Standard	Private
Utility Center Inc.-Main Aboite		Sludge	Public
Utility Center Inc.-Main Aboite	Fort Wayne	Standard	Pub/Pri.
Utility Center, Inc.-Midwest	Fort Wayne	Standard	Pub/Pri.
Utility Center, Inc.-Midwest		Sludge	Pub/Pri.
Wallen Chase, Section 2		Storm Water	Private
Westwood North Subdivision		Storm Water	Private
Wildwood Plaza		Storm Water	Private
Winchester Ridge Subdivision		Storm Water	Private
Windsor Oak		Storm Water	Private
Woodburn Industrial Park		Storm Water	Private
Woodburn Municipal STP		Sludge	Public
Woodburn Municipal STP	Woodburn	Standard	Public
Woodlan High School		Sludge	Pub/Pri.

Table 16 - TMDL Segments in Allen County, IN

TMDL Water Body Name	Pollutants of Concern
Cedar Creek	E. Coli, PCBs
Maumee River	E. Coli, PCBs, Mercury
St. Joseph River	PCBs, Mercury
St. Joseph Reservoir	E. Coli, Algae, PCBs, Mercury
Cedarville Reservoir	E. Coli, Algae, Taste & Odor, PCBs, Mercury
St. Mary's River	E. Coli, PCBs, Mercury
Swartz-Carnahan Ditch	Biotic Impairment
Willow Creek	E. Coli
Bullerman Ditch	Biotic Impairment
Botern Ditch	Biotic Impairment
Black Creek	Biotic Impairment, Nutrients, Algae
Hamm Interceptor Ditch	Biotic Impairment, Nutrients
Gromeaux Ditch	Biotic Impairment
Flatrock Creek-Brown Ditch	Nutrients
Spy Run Basin	Biotic Impairment

Table 17 - Ambient Air Monitors, Allen County, IN

Monitor ID No.	Location	Pollutants Monitored
180030002	Leo High School, 14600 Amstutz Rd., Leo	O3
180030004	2022 North Beacon, Fort Wayne	O3, PM10, PM2.5
180030011	203 East Douglas Street, Fort Wayne	CO
180030014	Taylor University, Fort Wayne	PM2.5

Table 18 - Air Permit Facilities, Allen County, IN

Facility Name	Address	City/Town	Permit Type/Action
Admetco. Inc.	PO Box 10089	Fort Wayne	Registration
Advanced Machine & Tool Corp.	3708 Transportation Dr.	Fort Wayne	SSOA
Ajax Paving Industries, Inc.	7320 Lwr. Huntington Rd.	Fort Wayne	SSOA
All State Legal	4422 Dalman Rd.	Fort Wayne	Exemption
Allen Fabricators, In.	2001 E. Pontiac St.	Fort Wayne	Registration
American Indiana Michigan Power	4th & Clinton Sts.	Fort Wayne	FESOP Revocation (facility dismantled)
Aristoline, Inc.	5217 Industrial Rd.	Fort Wayne	Exemption
Attachment Technologies, Inc.	4419 Ardmore Ave.	Fort Wayne	FESOP Revocation (facility moved)
Avery-Dennison -Fasson Roll Div.	3011 Independence Dr.	Fort Wayne	Title V
B&B Custom Plating	6214 Hoagland Rd.	Hoagland	MSOP
BAE Systems Controls	PO Box 2232	Fort Wayne	Registration transfer (formerly Lockheed Martin)
Benchmark Construction, LLC	2711 Banks Ave.	Fort Wayne	FESOP
Brooks Construction Co., Inc.	PO Box 46899	Fort Wayne	FESOPs (multiple)
Bunn Excavating, Inc.	2402 Meyer Rd.	Fort Wayne	FESOP
C.H. Kraus, LLC	6212 Highview Dr.	Fort Wayne	SSOA
Chemcentral	7415 Nelson Rd. E.	Fort Wayne	Registration
CME Automotive	21600 Monroeville Rd.	Monroeville	Exemption
CSE Processing, Inc	356 Hartzell Rd.	New Haven	FESOP
ChromaSource, inc.	2701 S. Coliseum Rd. Suite 1206	Fort Wayne	FESOP Revocation (plant closure)
City of Fort Wayne Street Dept.	1701 S. Lafayette St.	Fort Wayne	FESOP
Clark Retail Enterprises, Inc.	2304 Sherman Blvd.	Fort Wayne	Exemption
Colwell General, Inc.	200 Sixth St.	Fort Wayne	Title V Revocation (facility relocation)
Creative Cabinet Co.	1615 Meyer Rd.	Fort Wayne	Registration renewal
Creative Coatings, Inc.	7505 Freedom Way	Fort Wayne	MSOP
Crown Group	4301 Engle Rd.	Fort Wayne	Title V Revocation (process change)

Table 18 - Air Permit Facilities (Cont.)

Facility Name	Address	City/Town	Permit Type/Action
Degussa Construction Chemicals	3401 Macarthur Dr.	Fort Wayne	MSOP
Deister Machine Co.	1933 E. Wayne St. (and adjacent properties)	Fort Wayne	FESOP
Dutch Made, Inc.	10415 Roth Rd.	Grabill	FESOP
Dutch Made, Inc.	16836 State Road 37	Harlan	SSOA
E&B Paving, Inc.	286 W. 300th North	Fort Wayne	SSOA (portable source)
E&B Paving, Inc.	7320 Lwr. Huntington Rd.	Fort Wayne	FESOP
E&B Paving, Inc.	320 S. Thomas Rd.	Fort Wayne	FESOP
Elite Enterprise/Compositives, Inc.	2701 S. Coliseum Blvd,	Fort Wayne	Title V
Engineered Polymer Solutions, Inc.	202 Jacobs Ave.	Fort Wayne	Title V
Foamex, LP	3005 Commercial Rd.	Fort Wayne	Title V
Fort Wayne Anodizing	2535 Wayne Trace	Fort Wayne	Exemption
Fort Wayne Developmental Ctr.	4900 St. Joe Rd.	Fort Wayne	MSOP
Fort Wayne Foundry, Lima Rd.	4910 Lima Rd.	Fort Wayne	Title V
Fort Wayne Foundry, Pontiac Rd.	2509 E. Pontiac St.	Fort Wayne	Title V
Fort Wayne Liquid Coatings	3700 E. Pontiac St.	Fort Wayne	FESOP
Fort Wayne Liquid Coatings	2401 Meyer Rd.	Fort Wayne	Title V
Fort Wayne Metals Research Products Corp.	9609 Indianapolis Rd.	Fort Wayne	Registration
Fort Wayne Pools, Inc.	6930 Gettysburg Pike	Fort Wayne	Title V
Franke Plating Works, Inc.	2109 E. Washington Blvd.	Fort Wayne	MSOP
General Electric - Electric Motors Plant	2000 Taylor St.	Fort Wayne	FESOP
General Electric - Industrial Systems Plant	1635 Broadway St. 1701 College St.	Fort Wayne	FESOP
General Motors - Assembly Plant	12200 Lafayette Ctr. Rd.	Roanoke	Title V
Gladieux Trading & Marketing	4133 New Haven Ave.	Fort Wayne	Exemption
Grabill Cabinet Company	13805 State St.	Grabill	Title V
Hanson Aggregates Midwest - Ardmore Quarry	6100 Ardmore Ave.	Fort Wayne	FESOP

Table 18 - Air Permit Facilities (Cont.)

Facility Name	Address	City/Town	Permit Type/Action
Hanson Aggregates Midwest - LHR Quarry	7320 Lwr. Huntington Rd.	Fort Wayne	SSOA
Hanson Aggregates Midwest - Woodburn II Quarry	22821 Dawkins Rd.	Woodburn	SSOA
Harlan Cabinets, inc.	12707 Spencerville Rd.	Harlan	SSOA
Harris Kayot, Inc.	2801 W. State St.	Fort Wayne	Title V
Holsum of Fort Wayne	136 Murray St.	Fort Wayne	MSOP
Hoosier Trailer & Truck Equipment	4830 Todd Dr.	Fort Wayne	Registration
Hy-Tec Fiberglass	2204 Suppliers Court	Fort Wayne	FESOP
Hydra-Tech, Inc.	3020 Commercial Rd.	Fort Wayne	Registration
ITT Aerospace/Communications	7310 Innovation Blvd.	Fort Wayne	FESOP
ITT A/C Technical Admin. Ctr.	1919 W. Cook Rd.	Fort Wayne	FESOP
Karl Schmidt Unisa, Inc.	2425 Coliseum Blvd.	Fort Wayne	Title V
Limited Corporation	4133 New Haven Rd.	Fort Wayne	Registration
Lincoln Foodservice Products, Inc.	111 N. Hadley Rd.	Fort Wayne	Title V
Lincoln Printing, Inc.	3310 Congressional Pkwy.	Fort Wayne	Exemption
Lone Star Industries, Inc.	4805 Investment Dr.	Fort Wayne	FESOP
MTI Insulated Products	9733 Indianapolis Rd.	Fort Wayne	Title V
MTI Insulated Products	4419 Ardmore Ave.	Fort Wayne	MSOP
Masterspas, Inc.	6827 Lincoln Pkwy.	Fort Wayne	Title V
Mattel, Inc.	3405 Meyer Rd.	Fort Wayne	Construction Permit
Meridian Automotive Systems	1381 Roth Rd.	Grabill	Title V
Metal Plate Polishing, Inc.	2413 Meyer Rd.	Fort Wayne	Registration
Midwest Rail, Inc.	1539 Estella Ave.	Fort Wayne	FESOP
Milliken Millwork, Inc	2701 S. Coliseum Blvd.	Fort Wayne	MSOP
Mullinex Packages	3511 Engle Rd.	Fort Wayne	Exemption
NUTEC Coatings	1602 Wabash Ave.	Fort Wayne	FESOP
National Serv-All Landfill	6231 McBeth Rd.	Fort Wayne	Title V
Nishikawa Standard Company	2808 Adams Center Rd.	Fort Wayne	MSOP
North American Van Lines	5001 U.S. Hwy 30 West	Fort Wayne	FESOP
Northeast Indiana Cremation Society, Inc.	2120 Autumn Lake Place	Fort Wayne	Exemption
Northeast Indiana Cremation Society, Inc.	222 N. Thomas Rd.	Fort Wayne	Registration

Table 18 - Air Permit Facilities (Cont.)

Facility Name	Address	City/Town	Permit Type/Action
Omni Source Corporation	1610 Calhoun St.	Fort Wayne	FESOP Revocation (plant shutdown)
Omni Source Corporation	2511 Taylor St.	Fort Wayne	FESOP
Omni Source Corporation	3601 Maumee Ave.	Fort Wayne	Registration
Omni Source Corporation	1145 Fairview	Fort Wayne	FESOP
Ottenweller Company, Inc.	3011 Congressional Pkwy.	Fort Wayne	Title V
Panhandle Eastern Pipe Line Co.	25419 Paulding Rd.	Monroeville	Title V
Parker Hannifin Corporation	1081 U.S. Hwy. 24 East	New Haven	Registration
Parkview Memorial Hospital	2200 Randallia Dr.	Fort Wayne	Title V
Perfection Bakeries, Inc	350 Pearl Street	Fort Wayne	FESOP
Phelps Dodge Magnet Wire	4300 New Haven Ave.	Fort Wayne	Title V
Plastic Composites Company	8301 N. Clinton Rd.	Fort Wayne	Title V
Polar King International, inc.	4424 New Haven Ave.		Title V
Poly Hi Solidur, Inc.	2710 American Way		Exemption
Precision Heat Treating Corp.	2711 Adams Center Rd.		Exemption
Precision Products Group	1430 Progress Rd.		MSOP
Primco, Inc.	4820 Industrial Rd.		SSOA
Quikcut, Inc.	4630 Allen Martin Dr.		FESOP
Rea Magnet Wire Company, Inc.	3600 E. Pontiac St.		Title V
Reckon Plating, Inc.	5300 S. Hanna St.		MSOP
Resource Recovery & Recycling	6525 Ardmore Ave.		SSOA (portable source)
Sherwin Williams Company	4717 Clubview Dr.		FESOP Revocation (plant closure)
Slater Steels	2400 Taylor St.		FESOP
Smith Metal Finishing, Inc.	6912 Derek Dr.	New Haven	Exemption
Smurfit-Stone Container Corp. (Jefferson - Smurfit Corp.)	102 W. Superior St.		FESOP
Stoneco	7320 Lwr. Huntington Rd.		SSOA
Superior Aluminum Alloys	14214 Edgerton Rd.	New Haven	Title V
Superior -Essex	1700 W. Swinney 1601 Wall St.		Title V
Tetra Pak Materials, Inc.	5201 Investment Dr.		FESOP

Table 18 - Air Permit Facilities (Concl.)

Facility Name	Address	City/Town	Permit Type/Action
The P.D. George Company	4300 New Haven Ave.		MSOP
The StonCor Group, Inc.	1310 Dividend Rd.		FESOP
Tippman-Graber Cabinet Co, LLC (Cabinets by Graber)	15202 Grabill Rd.	New Haven	MSOP
Tokheim Corporation	1601 Wabash Ave.		Title V Revocation (plant closure)
Torque-Traction Mfg. Tech. (formerly Dan Corp.)	2100 W. State Blvd.		Title V
Trelleborg Sealing Solutions (formerly Polymer Sealing Solutions)	2531 Bremer Rd.		Registration
Tuthill Corporation	8825 Aviation Dr.		MSOP
Uniroyal Tire Company	U.S. Hwy. 24 East	Woodburn	Title V
United Refuse Company, Inc.	6231 McBeth Rd.		Title V
Vee Engineering, Inc.	1615 Lombard St.		Title V
Verizon	19845 U.S Hwy 31 North	Westfield	Registration
W&W Concrete Company, Inc.	8201 W. County Line Rd.	Roanoke	SSOA (portable source)
Ward Aluminum Casting, inc.	642 Growth Ave.		FESOP
Ward Pattern & Engineering	7603 Opportunity Dr.		MSOP
Wayne Asphalt & Construction	6600 Ardmore Ave.		FESOP
Wayne Metal Protection Company	1511 Wabash Ave.		Exemption
Westwood Lumber Sales, Inc.	1407 Bandelier Rd.	New Haven	FESOP
Wieland Furniture, Inc	1337 Main St. 13802 Sawmill Rd.	Grabill	Title V

FESOP = Federally Enforceable Operating Permit

MSOP = Minor Source Operating Permit

SSOA= Source-Specific Operating Agreement

Table 19 - Brownfields and Voluntary Cleanup Sites, Allen County, IN

Site Name	Address	City/Town	Status
Brownfields Sites			
Former Bowser Pump Plant	2314, 2323 Bowser Ave 2513, 2514 Reed St.	Fort Wayne	Redeveloped for housing, greenspace, and police facilities
Former Myers Petro Facility	100 Leesburg Rd.	Fort Wayne	Redeveloped for university facilities
Voluntary Remediation Sites			
Dana - Spicer Axel Div.	210 W. State Blvd.	Fort Wayne	CNTS Issued
Ft. Wayne Terminal - Norfolk & Western RR	NW corner Nelson & Hartzell	New Haven	CNTS Issued
General Electric	1701 College St.	Fort Wayne	Active
Grant-Durban (former)	1615 Estella Ave.	Fort Wayne	COC Issued
Industrial Composites	4301 Merchant Dr.	Fort Wayne	CNTS Issued
ITT Aerospace	3700 E. Pontiac St.	Fort Wayne	Active
ITT Aerospace - Comm. Ctr.	3700 E. Pontiac St.	Fort Wayne	Active
Jefferson Smurfit Corp.	102 W. Superior St.	Fort Wayne	Active
Jones Transfer Company	5929 Moeller Rd.	Fort Wayne	Active
Marathon Bulk Plant # 56	2910 Connet St.	Fort Wayne	CNTS Issued
Metal Plate Polishing	2413 Meyer Rd.	Fort Wayne	CNTS Issued
Morrill Motors	3695 Northrop Street	Fort Wayne	Active
National Guard Armory	330 S. Clinton St.	Fort Wayne	COC Issued
NIPSCO - Ft. Wayne MGP	1501 Hale	Fort Wayne	Active
Norfolk Southern Railway - Ft. Wayne	7315 Nelson Rd.	Fort Wayne	Active
O'Daniel Oldsmobile	5321 Illinois Rd.	Fort Wayne	CNTS Issued
Panhandle Eastern Pipeline	25419 Pauling Rd.	Edgerton	CNTS Issued
Patton Electric	15012 Edgerton Rd.	Fort Wayne	COC Issued
Slater Steels (RCRA)	2400 W. Taylor St.	Fort Wayne	CNTS Issued
Slater Steels (TCE GW)	2400 W. Taylor St.	Fort Wayne	Active
Tuthill Corp	4204 Ferguson Rd.	Fort Wayne	COC Issued
Universal Plated Plastics	8710 Indianapolis Rd.	Fort Wayne	Withdrawn
UTC Aircraft Hanger 43	W. Perimeter Rd.	Fort Wayne	CNTS Issued

COC = Certificate of Completion
 CNTS = Covenant not to Sue