



**United States Department of Agriculture
Rural Development**

October 7, 2010

SUBJECT: Finding of No Significant Impact (FONSI)
INEOS New Planet BioEnergy, LLC
Vero Beach, Florida

DESCRIPTION OF ACTION

The U.S. Department of Agriculture, Rural Business-Cooperative Service (RBS) has received an application from INEOS New Planet BioEnergy, LLC to guarantee a loan under the Biorefinery Assistance Program. The purpose of the loan would be to construct and operate a cellulosic ethanol biorefinery that produces up to 8 million gallons of fuel-grade ethanol per year, and generates approximately 6 Mega Watts (MW) of electric power. The facility will be located in Indian River County, outside of Vero Beach, Florida. The environmental analysis of this proposed action is contained in an Environmental Assessment (EA) prepared by the Department of Energy (DOE) for a similar loan guarantee to INEOS; RBS has adopted that EA for this proposed action.

Action Alternative: The applicant proposes to construct a biorefinery at an existing landfill and use municipal solid waste (MSW) and wood waste as the primary biomass feedstock for ethanol production. The site is located in Vero Beach, FL, and was selected for the proposed biorefinery because the site was previously developed for industrial uses (as a citrus processing facility), and is close to an operating landfill which will supply the MSW feedstock for the biorefinery. The facility would include the construction of a feedstock yard, gasifier, fermentor, distiller, and related infrastructure and would convert MSW and waste wood biomass to ethanol.

The facility would utilize a biotech-based syngas-to-ethanol production process utilizing a fully integrated three-step process, including biomass gasification, syngas biofermentation, and ethanol separation. The facility would require 150,000 dry tons of biomass per year made up of MSW and construction wood waste. The anticipated 8 million gallon of ethanol per year output is expected to directly displace 7 million gallons of gasoline per year, thereby contributing to the overall reduction of CO₂ emissions in the U.S. Facility construction would begin in Spring 2011; construction of the facility would take approximately 18 months and would employ approximately 200 to 250 construction workers at the peak of construction; operations would commence in Fall 2013, and last until approximately 2033.

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The proposal would (1) gasify feedstock to produce syngas (composed of primarily carbon monoxide and hydrogen); (2) clean and recover energy from the hot syngas; after which the cooled syngas would be (3) fed to a fermentor where a proprietary naturally-occurring microorganism would convert the syngas to ethanol in an anaerobic, aqueous process; ethanol would then be (4) recovered by means of distillation and dehydration and blended with denaturant to produce motor grade fuel; and (5) waste heat and vent gas streams would be used to generate steam and electric power in sufficient quantities that the proposal would be energy self-sufficient during stable operation with any excess renewable electricity available for export to the electric power grid. The proposal would employ approximately 50 full-time permanent workers.

This proposal, construction and operation of the cellulosic ethanol facility, would have minor adverse effects to air quality, water quality, and local flora and fauna; however, it does not pose significant adverse effects to the natural or human environment.

BASIS FOR FINDINGS

As required by the National Environmental Policy Act and agency regulations, RBS has reviewed and adopted the DOE EA that assessed the potential environmental effects of the proposal. After consideration of the applicant's proposal, the EA and DOE FONSI, and comments from Federal and State environmental regulatory and natural resource agencies, the agency has determined that the proposal will not have a significant adverse effect on the natural or human environment. Therefore, RBS will not prepare an Environmental Impact Statement for this proposal.

The Applicant must obtain and comply with all appropriate Federal, State, and local permits and approvals required for construction and operation of the biorefinery, and this requirement shall be incorporated and enforceable through the Agency's Conditional Commitment for Guarantee.

FINDINGS

The attached environmental assessment for the subject proposal has been prepared and reviewed by the appropriate Rural Business-Cooperative Service officials. After reviewing the assessment and the supporting materials attached to it, I find that the subject proposal will not significantly affect the quality of the human environment. Therefore, the preparation of an environmental impact statement is not necessary.

I also find that the assessment properly documents the proposal's status of compliance with the environmental laws and requirements listed therein.

Prepared by: Frank P. Mancino 10/7/2010
FRANK MANCINO Date
Environmental Protection Specialist
Program Support Staff

Recommended: William C. Smith 4/22/10 12/6/10
WILLIAM C. SMITH Date
Director, Energy Division
Rural Business-Cooperative Service

Approved: Judith A. Canales 12/7/10
JUDITH A. CANALES Date
Administrator
Rural Business-Cooperative Service

INEOS New Planet BioEnergy, LLC

Commercial Scale Integrated Demonstration
BioEnergy Center

Vero Beach, Florida

Final Environmental Assessment

September 2010

DOE/EA 1773

U.S Department of Energy
Golden Field Office
1617 Cole Boulevard
Golden, Colorado 80401

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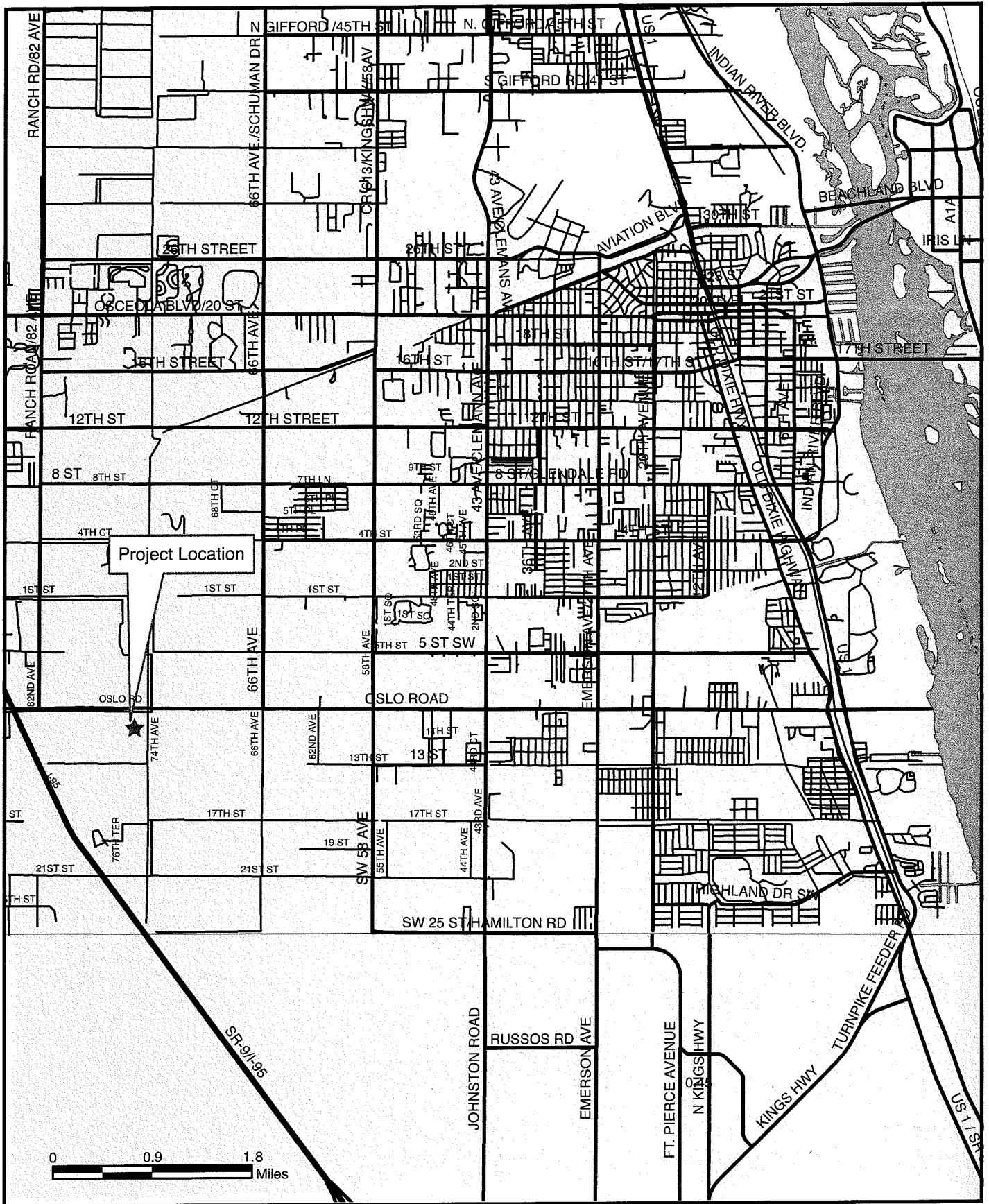
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Appendix - DOE Scoping Notice Documentation



Indian River County, Florida
 INEOS New Planet BioEnergy - Indian River County BioEnergy Center

Figure 1-1
Location Map



Source: Aerial- SJRWMD, 2004;
 Floodplain Source: FEMA, 1989

Indian River County, Florida
 INEOS New Planet BioEnergy - Indian River County BioEnergy Center

Figure 3-5
Floodplain Impacts

DEPARTMENT OF HOMELAND SECURITY
 FEDERAL EMERGENCY MANAGEMENT AGENCY
STANDARD FLOOD HAZARD DETERMINATION FORM (SFHDF)

See The Attached
 Instructions

O.M.B. No. 1660-0040
 Expires December 31, 2011

SECTION I - LOAN INFORMATION

1. LENDER NAME AND ADDRESS INEOS New Planet BioEnergy, LLC 3030 Warrenville Rd, Ste. 650 Lisle, IL 60532		2. COLLATERAL (Building/Mobile Home/Personal Property) PROPERTY ADDRESS (Legal Description may be attached) 924 74th Ave, SW, Vero Beach, Florida Section 25, Township 33 South, Range 33 East		
3. LENDER ID NO. N/A	4. LOAN IDENTIFIER N/A	5. AMOUNT OF FLOOD INSURANCE REQUIRED \$0		

SECTION II

A. NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMMUNITY JURISDICTION

1. NFIP Community Name Indian River County Unincorporated Areas	2. County(ies) Indian River	3. State FL	4. NFIP Community Number	
--	--------------------------------	----------------	--------------------------	--

B. NATIONAL FLOOD INSURANCE PROGRAM (NFIP) DATA AFFECTING BUILDING/MOBILE HOME

1. NFIP Map Number or Community-Panel Number (Community name, if not the same as "A") 12061C0165 E	2. NFIP Map Panel Effective/ Revised Date May 4, 1989	3. LOMA/LOMR <input type="checkbox"/> YES _____ Date	4. Flood Zone X	5. No NFIP Map
--	---	---	--------------------	----------------

C. FEDERAL FLOOD INSURANCE AVAILABILITY (Check all that apply)

1. Federal Flood Insurance is available (Community participates in NFIP). Regular Program Emergency Program of NFIP
2. Federal Flood Insurance is not available because community is not participating in the NFIP.
3. Building/Mobile Home is in a Coastal Barrier Resources Area (CBRA) or Otherwise Protected Area (OPA). Federal Flood Insurance may not be available.
 CBRA/OPA Designation Date: _____

D. DETERMINATION

**IS BUILDING/MOBILE HOME IN SPECIAL FLOOD HAZARD AREA
 (ZONES CONTAINING THE LETTERS "A" OR "V")?** YES NO

If yes, flood insurance is required by the Flood Disaster Protection Act of 1973.
 If no, flood insurance is not required by the Flood Disaster Protection Act of 1973.

E. COMMENTS (Optional)

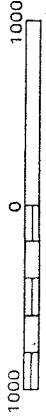
This determination is based on examining the NFIP map, any Federal Emergency Management Agency revisions to it, and any other information needed to locate the building/mobile home on the NFIP map.

F. PREPARER'S INFORMATION

NAME, ADDRESS, TELEPHONE NUMBER (If other than Lender) Frank Mancino PSS/RD/USDA 202-720-1827	DATE OF DETERMINATION 10/07/2010
--	-------------------------------------



APPROXIMATE SCALE IN FEET



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

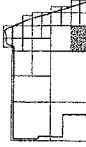
INDIAN RIVER COUNTY,
FLORIDA AND
INCORPORATED AREAS

PANEL 165 OF 169

CONTAINS:
COMMUNITY

UNINCORPORATED AREAS 120119 0165 E

PANEL LOCATION



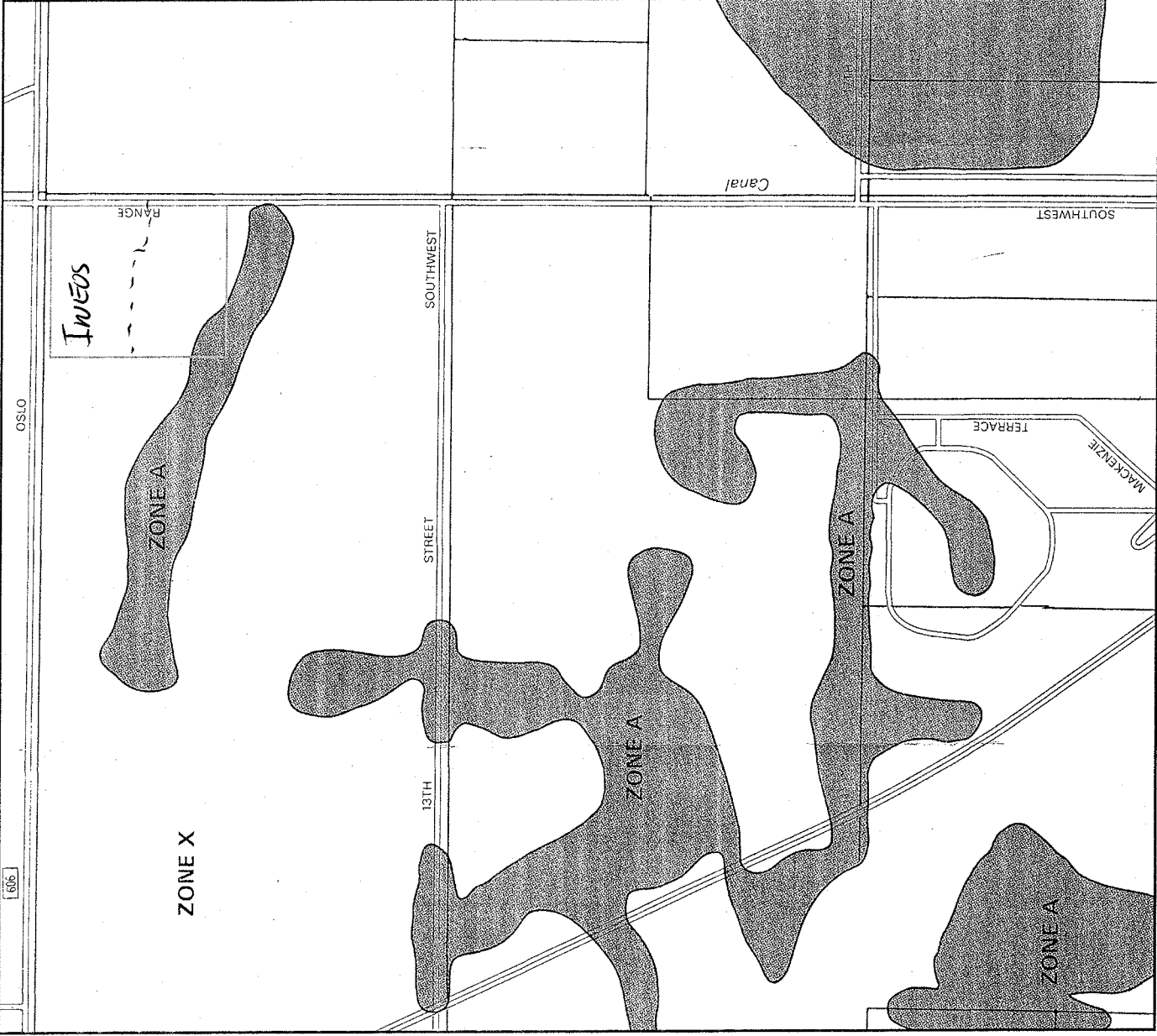
MAP NUMBER:
12061C0165 E

EFFECTIVE DATE:
MAY 4, 1989



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



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Rural Development
Environmental Justice (EJ) and Civil Rights Impact Analysis (CRIA)
Certification

1. Applicant's name and proposed project description: INEOS New Planet BioEnergy
Construction of a cellulosic ethanol and power facility in Indian River Cty, FL

2. Rural Development's loan/grant program/guarantee or other Agency action: Issuance of a guarantee

3. Attach a map of the proposal's area of effect identifying location or EJ populations, location of the proposal, area of impact or

Attach results of EJ analysis from the Environmental Protection Agency's (EPAs) EnviroMapper with proposed project location and impact footprint delineated.

4. Does the applicant's proposal or Agency action directly, indirectly or cumulatively affect the quality and/or level of services provided to the community?

Yes No N/A

5. Is the applicant's proposal or Agency action likely to result in a change in the current land use patterns (types of land use, development densities, etc)?

Yes No N/A

6. Does a demographic analysis indicate the applicant's proposal or Agency's action may disproportionately affect a significant minority and/or low-income populations?

Yes No N/A

If answer is no, skip to item 12. If answer is yes, continue with items 7 through 12.

7. Identify, describe, and provide location of EJ population _____

8. If a disproportionate adverse affect is expected to impact an EJ population, identify type/level of public outreach implemented. _____

9. Identify disproportionately high and adverse impacts on EJ populations. _____

10. Are adverse impacts appreciably more severe or greater in magnitude than the adverse impacts expected on non-minority/low-income populations?

Yes No N/A

11. Are alternatives and/or mitigation required to avoid impacts to EJ populations?

Yes No N/A

If yes, describe _____

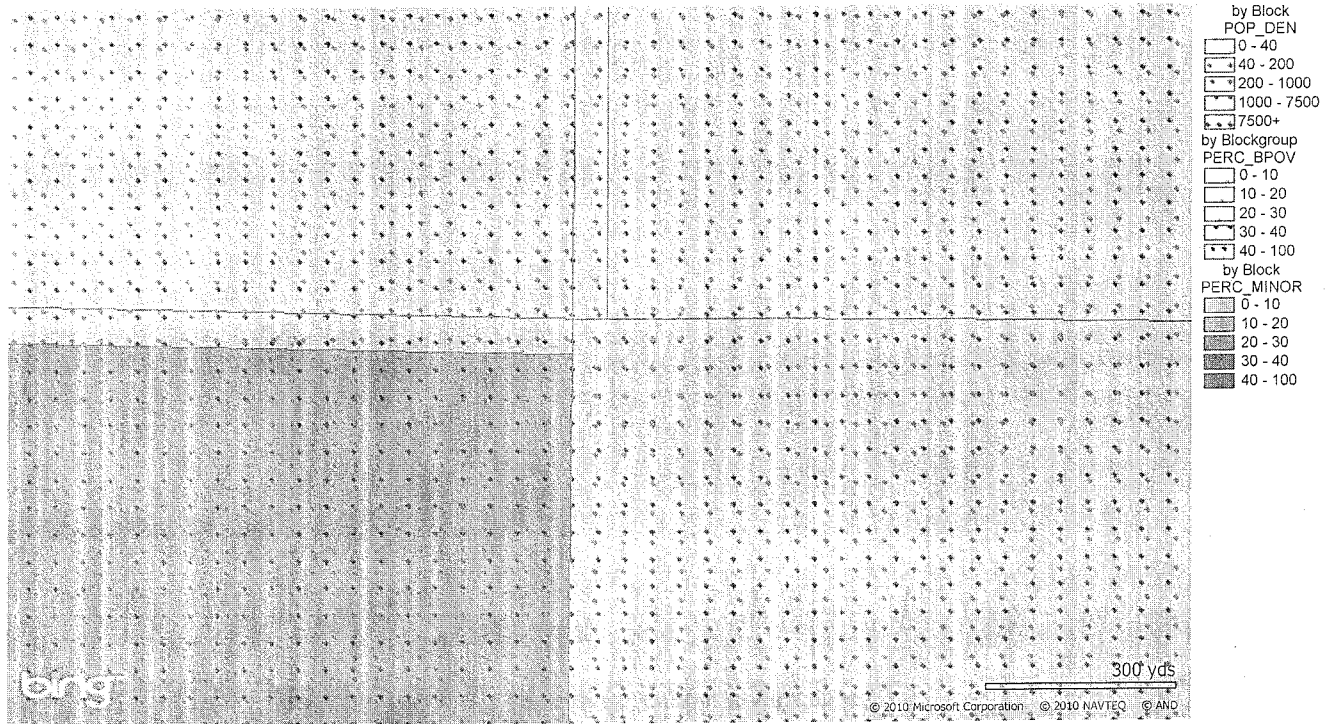
12. I certify that I have reviewed the appropriate documentation and have determined that:

- No major EJ or civil rights impact is likely to result if the proposal is implemented.
 A major EJ or civil rights impact is likely to result if the proposal is implemented.

Krnan Manido
Name and Title of Certifying Official

10/7/2010
Date

INEOS New Planet Biorefinery, Indian River County, FL





QT-P4. Race, Combinations of Two Races, and Not Hispanic or Latino: 2000
 Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
 Geographic Area: Indian River County, Florida

NOTE: For information on confidentiality protection, nonsampling error, definitions, and count corrections see <http://factfinder.census.gov/home/en/datanotes/expsf1u.htm>.

Race	Total		Not Hispanic or Latino	
	Number	Percent	Number	Percent
Total population	112,947	100.0	105,566	100.0
One race	111,580	98.8	104,560	99.0
White	98,754	87.4	94,250	89.3
Black or African American	9,253	8.2	9,143	8.7
American Indian and Alaska Native	277	0.2	229	0.2
Asian	838	0.7	828	0.8
Native Hawaiian and Other Pacific Islander	30	0.0	28	0.0
Some other race	2,428	2.1	82	0.1
Two or more races	1,367	1.2	1,006	1.0
Two races	1,309	1.2	952	0.9
White, Black or African American	144	0.1	136	0.1
White, American Indian and Alaska Native	274	0.2	265	0.3
White, Asian	168	0.1	164	0.2
White, Native Hawaiian and Other Pacific Islander	21	0.0	20	0.0
White, Some other race	435	0.4	133	0.1
Black or African American, American Indian and Alaska Native	19	0.0	17	0.0
Black or African American, Asian	15	0.0	14	0.0
Black or African American, Native Hawaiian and Other Pacific Islander	28	0.0	28	0.0
Black or African American, Some other race	167	0.1	145	0.1
American Indian and Alaska Native, Asian	6	0.0	6	0.0
American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander	1	0.0	0	0.0
American Indian and Alaska Native, Some other race	3	0.0	1	0.0
Asian, Native Hawaiian and Other Pacific Islander	8	0.0	7	0.0
Asian, Some other race	19	0.0	16	0.0
Native Hawaiian and Other Pacific Islander, Some other race	1	0.0	0	0.0
Three or more races	58	0.1	54	0.1

(X) Not applicable.

Source: U.S. Census Bureau, Census 2000 Summary File 1, Matrices P3 and P4.



Indian River County, Florida
S1701. Poverty Status in the Past 12 Months
 Data Set: 2008 American Community Survey 1-Year Estimates
 Survey: American Community Survey

NOTE: For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

Subject	Total	Margin of Error	Below poverty level	Margin of Error	Percent below poverty level	Margin of Error
Population for whom poverty status is determined	130,616	+/-1,081	18,228	+/-3,533	14.0%	+/-2.7
AGE						
Under 18 years	24,358	+/-774	5,898	+/-1,920	24.2%	+/-7.8
Related children under 18 years	24,223	+/-782	5,763	+/-1,892	23.8%	+/-7.8
18 to 64 years	72,256	+/-716	9,574	+/-1,975	13.3%	+/-2.7
65 years and over	34,002	+/-788	2,756	+/-664	8.1%	+/-1.9
SEX						
Male	63,056	+/-959	8,468	+/-1,766	13.4%	+/-2.8
Female	67,560	+/-969	9,760	+/-2,378	14.4%	+/-3.5
RACE AND HISPANIC OR LATINO ORIGIN						
One race	N	N	N	N	N	N
White	114,450	+/-1,549	14,564	+/-2,908	12.7%	+/-2.5
Black or African American	11,538	+/-894	2,788	+/-1,771	24.2%	+/-15.0
American Indian and Alaska Native	N	N	N	N	N	N
Asian	N	N	N	N	N	N
Native Hawaiian and Other Pacific Islander	N	N	N	N	N	N
Some other race	N	N	N	N	N	N
Two or more races	N	N	N	N	N	N
Hispanic or Latino origin (of any race)	13,476	+/-97	3,435	+/-1,506	25.5%	+/-11.1
White alone, not Hispanic or Latino	102,924	+/-999	11,512	+/-2,623	11.2%	+/-2.6
EDUCATIONAL ATTAINMENT						
Population 25 years and over	96,446	+/-1,092	10,957	+/-1,876	11.4%	+/-1.9
Less than high school graduate	12,391	+/-1,822	2,954	+/-1,140	23.8%	+/-7.8
High school graduate (includes equivalency)	26,527	+/-2,630	3,753	+/-1,031	14.1%	+/-3.7
Some college, associate's degree	30,449	+/-2,387	2,386	+/-697	7.8%	+/-2.1
Bachelor's degree or higher	27,079	+/-2,369	1,864	+/-706	6.9%	+/-2.6
EMPLOYMENT STATUS						
Civilian labor force 16 years and over	64,396	+/-2,030	6,996	+/-1,660	10.9%	+/-2.6
Employed	59,370	+/-2,484	4,397	+/-1,251	7.4%	+/-2.1
Male	31,904	+/-1,573	2,663	+/-946	8.3%	+/-3.0
Female	27,466	+/-1,657	1,734	+/-742	6.3%	+/-2.7
Unemployed	5,026	+/-1,396	2,599	+/-1,057	51.7%	+/-13.8
Male	2,813	+/-1,070	1,340	+/-768	47.6%	+/-20.4
Female	2,213	+/-863	1,259	+/-753	56.9%	+/-19.8
WORK EXPERIENCE						
Population 16 years and over	108,940	+/-1,108	12,588	+/-2,167	11.6%	+/-2.0
Worked full-time, year-round in the past 12 months	36,838	+/-2,487	790	+/-426	2.1%	+/-1.1
Worked part-time or part-year in the past 12 months	30,279	+/-2,798	6,151	+/-1,748	20.3%	+/-5.1
Did not work	41,823	+/-1,937	5,647	+/-1,237	13.5%	+/-2.7
All Individuals below:						
50 percent of poverty level	6,661	+/-2,354	(X)	(X)	(X)	(X)
125 percent of poverty level	23,697	+/-3,572	(X)	(X)	(X)	(X)
150 percent of poverty level	29,059	+/-3,853	(X)	(X)	(X)	(X)
185 percent of poverty level	35,822	+/-3,675	(X)	(X)	(X)	(X)

Subject	Total	Margin of Error	Below poverty level	Margin of Error	Percent below poverty level	Margin of Error
200 percent of poverty level	38,813	+/-3,741	(X)	(X)	(X)	(X)
Unrelated individuals for whom poverty status is determined	28,524	+/-2,919	6,468	+/-1,523	22.7%	+/-4.5
Male	12,736	+/-1,961	3,030	+/-1,029	23.8%	+/-7.9
Female	15,788	+/-1,583	3,438	+/-1,179	21.8%	+/-6.6
Mean income deficit for unrelated individuals (dollars)	5,764	+/-863	(X)	(X)	(X)	(X)
Worked full-time, year-round in the past 12 months	9,415	+/-1,911	80	+/-136	0.8%	+/-1.4
Worked less than full-time, year-round in the past 12 months	7,518	+/-1,998	2,895	+/-1,113	38.5%	+/-11.2
Did not work	11,591	+/-1,247	3,493	+/-986	30.1%	+/-7.1
PERCENT IMPUTED						
Poverty status for individuals	25.3%	(X)	(X)	(X)	(X)	(X)

Source: U.S. Census Bureau, 2008 American Community Survey

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Notes:

- While the 2008 American Community Survey (ACS) data generally reflect the November 2007 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities. The 2008 Puerto Rico Community Survey (PRCS) data generally reflect the November 2007 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in PRCS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.
- Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2000 data. Boundaries for urban areas have not been updated since Census 2000. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

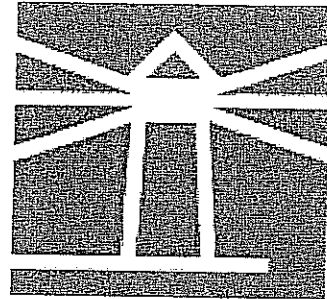
Explanation of Symbols:

- An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
- An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
- An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
- An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
- An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
- An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
- An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
- An '(X)' means that the estimate is not applicable or not available.

SCRIPPS TREASURE COAST NEWSPAPERS

1939 SE Federal Highway, Stuart, Florida 34994
Affidavit of Publication
Scripps Treasure Coast Newspap

GRETCHEN JANESSEN
CDM
1701 AIA STE 101
VERO BEACH FL 32963



REFERENCE: 15618797
2488983 24 notice

STATE OF FLORIDA
COUNTY OF MARTIN, ST. LUCIE and INDIAN RIVER
Before the undersigned authority personally
appeared and who on oath says that he/she is the
Acct Adv Clerk of Scripps Treasure Coast Newspaper
which publishes 3 daily newspapers in Martin Cnty:
The Stuart News; St Lucie Cnty: St Lucie News
Tribune; and Indian River Cnty: The Indian
River Press Journal; Affiant further states
that these newspapers are published daily, with
offices and paid circulation in said counties, and
distributed in said counties for one year
preceding the first publication of the attached
copy of advertisement; and affiant further states
that he/she has neither paid nor promised any
person, firm or corporation any discount, rebate,
commission or refund for the purpose of securing
this advertisement for publication in the said
newspaper(s). These newspapers have been entered
as second class matter at the post office of
Martin, St. Lucie and Indian River counties and
have been for a period of one year preceding the
first publication of the attached copy of
advertisement.

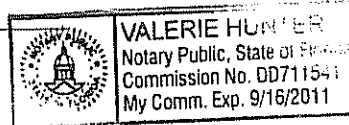
PUBLISHED ON: 11/22 11/23 11/24

AD SPACE: 28.000 INCH
FILED ON: 11/30/10

Affiant: Monika Kafate

In Testimony whereof, I have hereunto set my hand and affixed my official
stamp, the day and year aforesaid:

Notary: Valerie H. E. My Commission Expires: _____



- The Stuart News
- The St Lucie News Tribune
- The Indian River Press Journal
- The Jupiter Courier



December 1, 2010

**United States Department of Agriculture
Rural Development**

Mr. Richard Martin
859 Island Club Square
Vero Beach, FL 32963

Subject: Comments on INEOS New Planet Bio Energy, LLC Cellulosic Ethanol BioRefinery Finding of No Significant Impact (FONSI), Indian River County, Florida

Dear Mr. Martin:

Thank you for comments on the U.S.D.A, Rural Business-Cooperative Service's Finding of No Significant Impact (FONSI) for the application from INEOS New Planet BioEnergy, LLC to guarantee a loan for the proposed ethanol biorefinery in Indian River County, Florida. As requested, enclosed is a copy of the subject Environmental Assessment (EA) prepared by the U.S. Department of Energy (DOE) for a similar loan guarantee to New Planet BioEnergy; it has been adopted by this agency and forms the basis for the FONSI. The EA analyzes the environmental impacts of the construction and operation of a cellulosic biorefinery to produce up to 8 million gallons per year of ethanol and generate up to 6 MW of electric power, and clearly demonstrates there would be no significant environmental impacts upon the human environment. Should there be any substantial changes to the proposed biorefinery, in terms of size, process, or product produced, additional environmental analyses will be completed prior to approving any proposed revisions. If you have additional comments after reading the EA, you may send them to me at the address below, Mail Stop 0761. Thank you for your participation.

Frank Mancino

A handwritten signature in black ink that reads "Frank Mancino". The signature is written in a cursive style and is positioned above the typed name and title.

Environmental Protection Specialist
Program Support Branch

1400 Independence Ave, S.W. - Washington DC 20250-0700
Web: <http://www.rurdev.usda.gov>

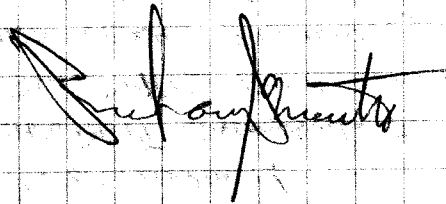
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ENVIRONMENTAL PROTECTION SPECIALIST
USDA
RURAL DEVELOPMENT
1400 INDEPENDENCE AVENUE SW
MAIL STOP 0761
WASHINGTON, D.C. 20250

NOV 23, 2010

PAGE 1 OF 3



ATTENTION: JULIET BOCHICCHIO - E.P.S.

SUBJECT: COMMENTS ON INEOS NEW PLANET BIO ENERGY, LLC
CELLULOSE ETHANOL BIOREFINERY, W.B. FLORIDA -
CONSTRUCTION, DEVELOPMENT, TEST OF A PILOT PLANT

WE WOULD LIKE TO REQUEST, FIRST OF ALL, A COPY OF THE
'ENVIRONMENTAL ASSESSMENT' (EA) PREPARED BY THE
DEPARTMENT OF ENERGY (DOE) TO THE FOLLOWING:

RICHARD J. MARTIN

859 ISLAND CLUB SQ

VERO BEACH, FL 32963

THE FOLLOWING ARE COMMENTS WE SUBMIT FOR THE AGENCIES
CONSIDERATION:

- WE HAVE BEEN TOLD IN INDIAN RIVER COUNTY THAT THE FIRM
OZINEXOS - NEW PLANET ENERGY, LLC, RECEIVED A GRANT TO
BUILD THE SUBJECT CELLULOSE ETHANOL BIOREFINERY AT
THE DEPARTMENT OF ENERGY EXPENSE. IN THIS SCENARIO
IT SHOULD BE STIPULATED THAT ALL RIGHTS AND ASSOCIATED
TECHNOLOGY, INCLUDING PATENTS AND ASSOCIATED PATENT RIGHTS
BE RELEGATED TO THE PUBLIC DOMAIN FOR ALL TO HAVE ACCESS
TO ITS TECHNOLOGY SINCE IT WAS PAID FOR BY TAXPAYER MONEY.
- THE NOTIFICATION DOCUMENT, ATTACHED, STIPULATES THE DOE
FUNDING IS A LOAN, WHICH CHANGES THE ABOVE SCENARIO. BY THE
SAME TOKEN, THE LOAN TERMS AND CONDITIONS SHOULD INCLUDE,
THAT IN THE EVENT OF LOAN DEFAULT, ALL RIGHTS AND
TECHNOLOGY SHOULD REVERT TO THE PUBLIC DOMAIN.
- SINCE THE BIO-ENERGY CELLULOSE ETHANOL PLANT WILL USE
A STRAIN ^{CALLED} OF E-COLI 'BACTERIA' AS ITS CHEMICAL
PROCESSING AGENT, WE SUGGEST THAT ALL 'RESIDUAL WASTE/
PROFESSIQUORS' BE INCUBATED FOR HEALTH AND SAFETY,
WITH THE EXTRA HEAT BEING REUSED BACK INTO THE PROCESS
CYCLE VIA HEAT EXCHANGERS FOR EFFICIENCY.

- PLANT FIRE PROTECTION AND SAFETY EQUIPMENT SHOULD BE TO CONTAIN HIGH HEAT ETHANOL FIRES.
- THIS PLANT WATER SUPPLY, BASED ON WATER SUPPLY QUANTITIES LISTED FOR THIS FORMER OCEAN SPRAY PROPERTY OWNER, IS ADEQUATE FOR THIS PILOT PLANT, 96,000,000 TO 100,000,000 GALLONS PER YEAR, COULD NOT SATISFY THE PRODUCTION PLANT NEEDS. DOE WOULD REQUIRE FOR A 100,000,000 GALLON ETHANOL PRODUCTION PLANT. A PRODUCTION PLANT, WHICH WOULD BE BUILT ON THE INTEXO'S SITE BY A MODULAR APPROACH BASED ON CHINESE COPIES¹ OF THIS PROTO-TYPE PLANT, ² MODULES, WOULD REQUIRE 1,200,000,000 GALLONS OF WATER PER YEAR / 3,300,000 GALLONS PER ^{DAY} ~~YEAR~~ (NOTE: WATER FOR 10000 INDIAN RIVER COUNTY HOMES / DAY OR 1/6 THIS SUPPLY NEEDED FOR CURRENT RESIDENTIAL HOUSING).
- A PRODUCTION PLANT OF THIS CELLULOSIC ETHANOL PROCESS TYPE, AN INTEXO'S PLANT, WOULD GREATLY REDUCE AND SLOW DOWN THE PLANNED HOUSING EXPANSION. MAJOR WELLS WOULD BE NEEDED, AT LEAST A HALF DOZEN, COST COULD APPROX 100 MILLION DOLLARS; OR HYPER-BOLIC, NATURAL DRAFT, COOLING TOWERS, ALSO IN THE \$50,000,000 PLUS RANGE. SIMPLY, A PROTOTYPE/PILOT PLANT FOR CELLULOSIC ETHANOL IS ACCEPTABLE BUT PLANT EXPANSION AT THIS SITE WOULD HAVE A TREMENDOUS IMPACT ON INDIAN RIVER COUNTY'S WATER SUPPLY FOR FUTURE GROWTH IN HOME BUILDING AND ATTRACTING NEW BUSINESSES AND BUSINESS EXPANSION.
- ALTHOUGH YOUR NOTIFICATION STATES THIS PLANT WILL NOT HAVE A SIGNIFICANT ADVERSE EFFECT ON THE QUALITY OF HUMAN ENVIRONMENT, YOU HAVE NOT ASSESSED THE IMPACT ON INDIAN RIVER COUNTY'S TOTAL ENVIRONMENT AND YOU SHOULD DO SO BEFORE PROCEEDING!
- THE UNIVERSITY OF FLORIDA, ENGINEERING DEPT GAINESVILLE, REVIEWED INDIAN RIVER AS A POSSIBLE SITE FOR THEIR CELLULOSIC ETHANOL ^{PILOT} PLANT, BUT FOUND PERRY FLORIDA, IN THE HEART OF THE "PINE PAPER BELT", A SUPERIOR SOURCE OF WATER AND WOOD WASTE FROM PAPER MILLS,
- THERE ARE SEVERAL DOE LOANS FOR CELLULOSIC ETHANOL PLANTS IN FLORIDA; IS THERE DUPLICATION AND WASTE! CHECK IT! RA

PT NOV 21, 2010

Pg 3 OF 3

**Notification of the Finding of No Significant Impact (FONSI)
 INEOS New Planet BioEnergy, LLC
 Cellulosic Ethanol Biorefinery
 Vero Beach, Florida**

The U.S. Department of Agriculture, Rural Business-Cooperative Service (RBS) has received an application from INEOS New Planet BioEnergy, LLC (INEOS) to guarantee a loan under the Biorefinery Assistance Program. The guarantee purpose would be to construct and operate a cellulosic ethanol biorefinery. The proposal would produce up to 8 million gallons of fuel-grade ethanol per year, and generate approximately 6 megawatts (MW) of electric power. The biorefinery would be constructed at an existing industrial facility and use municipal solid waste (MSW) and wood waste as the primary biomass feedstock for ethanol production. The facility would be located in Vero Beach, Florida. An Environmental Assessment (EA) of this proposed action was prepared by the Department of Energy (DOE) for a similar loan guarantee to INEOS. This EA is located at http://www.eere.energy.gov/golden/Reading_Room.aspx ; RBS has adopted that EA for this proposed action.

As required by the National Environmental Policy Act and agency regulations, RBS has reviewed and adopted the DOE EA that assessed the potential environmental effects of the proposal. Upon consideration of the applicant's proposal, the EA and DOE FONSI, comments from federal and state environmental regulatory and natural resource agencies, the agency has determined that the proposal will not have a significant adverse effect on the quality of human environment. Therefore, RBS will not prepare an Environmental Impact Statement for this project.

For copies of the Environmental Assessment or for further information, please contact: Juliet Bochicchio, Environmental Protection Specialist, USDA, Rural Development, 1400 Independence Avenue SW, Mail Stop 0761, Washington DC, 20250, RD.NEPA@wdc.usda.gov, (202) 205-8242. Any person interested in commenting on the proposal should submit their comments to the Agency contact above. Comments must be received by RBS within 15 days following the date of publication. RBS will make no further decisions regarding this proposed action during this fifteen-day period.

From: waclearyjr [waclearyjr@earthlink.net]

Sent: Friday, December 03, 2010 3:40 PM

To: RA.DCWashing2.RD-NEPA

Subject:proposed bio=refinery,Vero Beach FL

sIRS

Your info ad & notification has been printed in the Press Journal ,our local newspaper. The precise location of the proposed ethanol plant was not clearly stated as far as I could make out.

My wife & I have a double edged comment for this project based on the actual air cleanliness we actually enjoy in Vero Beach. In the 20+ years we have lived here the AIR Quality has virtually never varied from the GOOD level and the only pollution comment in the paper is OZONE; even though it might be leaves, or other plant contaminants.

We have no direct refusal of the Ethanol, and we would be pleased to be FREE from foriegn oil, and we are tired of having the price continue up;BUT WE CANNOT ACCEPT EVEN ONE HOUR OF SMELLS FROM ANY DIRECTION OR YOUR PLANT WILL HAVE TO BE DISMANTLED THE VERY NEXT DAY.

Sincerely Wm & Mary CLEARY

2821 Carissa Drive

Vero Beach, FL 32960



December 9, 2010

**United States Department of Agriculture
Rural Development**

Wm & Mary Cleary
2821 Carissa Drive
Vero Beach, FL 32960

**Subject: Comments on INEOS New Planet Bio Energy, LLC Cellulosic Ethanol BioRefinery
Finding of No Significant Impact (FONSI), Indian River County, Florida**

Dear Mr. and Mrs. Cleary:

Thank you for your comments on the U.S.D.A, Rural Business-Cooperative Service's Finding of No Significant Impact (FONSI) for the application from INEOS New Planet BioEnergy, LLC to guarantee a loan for the proposed ethanol biorefinery in Indian River County, Florida. You stated you were not sure of the project location. It is located on the site of the former OceanSpray Cranberries, Inc. citrus processing facility, at the intersection of Oslo Road (Rte. 606) and SW 74th Avenue, which is approximately 10-11 miles from your address.

The environmental analysis for proposed biorefinery shows that it will be in compliance with all air quality standards, both at the Federal and State levels, and will not degrade the good air quality of the region.

Thank you for your participation.

Frank Mancino

A handwritten signature in black ink that reads "Frank P. Mancino". The signature is written in a cursive style and is positioned above the typed name and title.

Environmental Protection Specialist
Program Support Branch

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