

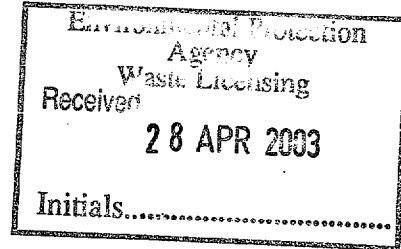
**Carranstown  
Residents  
Group**

C/o Michael Lanigan,  
Carranstown,  
Duleek  
Co Meath

167-1 (incl maps)  
Sub 101

23 April, 2003

Waste Licensing Division.  
Environmental Protection Agency Headquarters.  
Johnstown Castle,  
Wexford,  
Co Wexford.



Ref: Indaver 167-1

**Re; Submission regarding the proposed Indaver Municipal Waste Management Facility at Carranstown, Duleek. Co Meath**

Dear Sir

As members of the Carranstown Residents Group, we would like the following submission to be considered in the issuing of an Integrated Pollution Control (IPC) license to the proposed Indaver Municipal Waste Management facility at Carranstown, Duleek Co Meath, on the following grounds.

**Siting of the proposed development**

World Health Organisation guidelines for the siting of waste management facilities are expressly contravened if this development is sited next to the existing Plattin Cement Works. We believe that subsidence may occur owing to the proximity of subsurface quarrying and blasting by Irish Cement Limited, Plattin within 300 meters of the centre of the proposed site.

We believe this proposed development contributes to an inequity resulting from an imbalance of unwanted facilities of unrelated function (Plattin Cement Works, Marathon Power and the proposed Indaver Waste Management facility) in our local area resulting in damage to this distinctive historical area encompassing The Boyne Valley World Heritage site, Newgrange and The Battle of the Boyne site.

The World Health Organisation stipulate a 300-500 meter buffer between incinerators and residential properties. This is not the case with this proposed development. There are 8 households with 24 people living within 500 meters of the centre of this site.

We also have concerns that a natural gas pipeline runs through the proposed site

**Air, Noise and Water pollution**

The proposed waste management facilities most likely will have effects on surface water, surrounding land, ground water and air quality and will contribute to traffic noise and other environmental impacts

Based on the Health Research Boards report, emissions of waste incinerators contribute to slow but continuous degradation of environmental conditions through processes such as the green house effect and acidification

Furthermore, the Health Research Board felt that a deficiency of baseline environmental information makes interpretation of local studies of waste incineration sites impossible. This being the case it will be difficult to assess the impact of any development on the local environment.

#### **Health effects**

Municipal waste facilities are recognised as one of the major sources of dioxins and other environmental pollutants. There is no independent dioxin sampling and analytical facility currently available in Ireland. This undermines our confidence in the ability of the responsible authority to monitor dioxins and environmental pollutants continuously over time. We also doubt the feasibility of such a monitoring regime yet it is only this which will the residents confidence that the emission levels are safe.

Medically, there is evidence that incinerator emissions may be associated with respiratory morbidity. Also acute and chronic respiratory symptoms are also associated with incinerator emissions. Studies have also shown associations between certain cancers and living close to incinerator sites.

There are insufficient resources on the part of the monitoring body to carry out adequate risk assessment for the proposed facility. There has been nor is there planned to be no routine health monitoring of people living near waste management sites. This being the case how can the impact of the proposed development on our health and the health of our children be monitored.

#### **Traffic volume**

The proposed development will lead inevitably to an increase in heavy goods vehicles on our road, further endangering our children and detrimentally impacting on our way of life.

#### **Proximity to School and playing grounds**

The proposed development is in very close proximity to a primary school (1200 meters) and playing grounds (800-1000 meters) used by the young. It is the young who are most vulnerable to the effects of airborne and soil dioxin pollution.

#### **Transportation of Waste to and Toxic Ash from the proposed site**

There is the risk of spillage or blow-off of toxic ash in transporting from the proposed site to disposal site. There is also the probability of rubbish blow-off from trucks transporting waste to the site and from within the site itself.

#### **Smell**

There will inevitably be smells associated with municipal waste or the fumes associated with its incineration.

#### **Psychological and community morale**

The imposition of this development on us would have a devastating impact on our community morale and can only lessen the feeling of wellbeing associated with living in a rural environment.

#### **Visual amenity**

The proposed development will detract from the visual amenity of local residents and visitors to the area.

#### **Property Valuations**

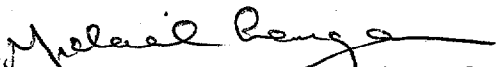
Residential and agricultural property values will fall further penalising local residents.

**Family detail**

Attached we have listed the Carranstown families, their age profiles and number of years living in Carranstown. It is evident from the enclosed map that 8 households (21 adults and 3 children) are within 500 meters of the centre of the proposed site and that all 46 of our families (105 adults and 29 children) live within 2000 meters of the proposed site. Of the 46 Carranstown families, 32 families have been resident in Carranstown for more than 20 years.

Based on the foregoing, we the Carranstown Residents Group strongly object to the issuing of an Integrated Pollution Control license to Indaver's Waste Management Facility at Carranstown, Duleek, Co Meath

Yours faithfully

  
On behalf of The Carranstown Residents Group.

Enc

List of Carranstown residents and map detailing houses, number of people per house, age groups, distance from the proposed site and number of years living in Carranstown

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## Carranstown Residents Detail

Label No.	Name	Adults	Children	Years	Distance from centre of proposed site (meters)
31	McGuinness M	5		23	200
35	Murray	2		5	200
36	Smith	1		60	200
39	Kavanagh J	3		60	200
37	Kavanagh B	3		67	300
38	Kavanagh D	2	3	35	300
40	Leonard	2		38	300
41	McKenna E	3		15	300
30	Walsh	1		28	500
34	McGuinness T	5	2	75	500
27	Daly	1		27	600
28	Dowd D	5		25	600
29	Dowd T	2	1	25	600
26	Kelly	4		20	700
32	Moore T	1		55	700
33	Moore F	3	2	50	700
24	Condron	6		16	800
25	Johnson	1		30	800
22	Heeney P	6		26	900
23	Maher	3		30	900
20	Sadler	5		18	1000
21	Conway	2	1	7	1000
42	Sheeran	1		80	1000
19	Heeney D	6		22	1100
12	Keegan	2	2	25	1200
13	Ludlow	3		30	1200
14	James	3		25	1200
45	Turnpike House	4		1	1200
46	Heeney F	1		0	1200
10	Mallon/Murphy	2		0	1300
11	Healy	2	1	1	1300
15	McKenna P	2	2	25	1300
16	McKenna J	3		80	1300
17	Cudden P	5		53	1300
18	Cudden T	2	1	50	1300
43	Cudden P Snr	3		70	1300
44	Cudden K	1		25	1300
7	Ryan	2	2	2	1400
8	Lanigan	2	2	6	1400
9	O Brien	2		60	1400
4	Hartford	2	3	20	1500
5	Tallon	2		30	1500
6	Butterly	2	3	7	1500
3	Levins	3	1	30	1600
1	Tompkins	2	3	7	2000
2	Lynch	3	3	7	2000

S	Duleek FC Playing Grounds				1000
School	Mount Hanover Primary School				1200
	Proposed Marathon Power Plant				600
	Plattin Cement Works				300

Carranstown Residents Summary

Adults	Children	Distance from centre of proposed site (meters)	Number of households
11	0	Within 200 meters	4
10	3	Between 200-300 meters	4
6	2	Between 500-600 meters	2
8	1	Between 600-700 meters	3
8	2	Between 700-800 meters	3
7	0	Between 800-900 meters	2
9	0	Between 900-1000 meters	2
8	1	Between 1000-1100 meters	3
6	0	Between 1100-1200 meters	1
13	2	Between 1200-1300 meters	5
20	4	Between 1300-1400 meters	8
6	4	Between 1400-1500 meters	3
6	6	Between 1500-1600 meters	3
3	1	Between 1600-1700 meters	1
5	6	Between 1700-2000 meters	2
<b>126</b>	<b>32</b>	<b>Carranstown Totals</b>	<b>46</b>

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