



**KEMENTERIAN TENAGA, SAINS, TEKNOLOGI, ALAM SEKITAR DAN PERUBAHAN IKLIM**

Bil	Berita	Media	Capaian Berita Penuh
1.	<u><a href="#">Yeo Bee Yin Dah Kahwin</a></u>	Nanyang Siang Pau	Rujuk lampiran 1
2.	<u><a href="#">Suspek rancang buang lagi bahan kimia malam ini</a></u>	Berita Harian	Klik pada tajuk berita
3.	<u><a href="#">3 suspek buang sisa bahan kimia ditahan</a></u>	Harian Metro	Klik pada tajuk berita
4.	<u><a href="#">Pencemaran: Tiga ditahan disyaki buang sisa kimia ke Sungai Kim Kim</a></u>	Kosmo!	Klik pada tajuk berita
5.	<u><a href="#">Jangan terburu-buru buka sekolah tercemar</a></u>	Utusan Malaysia	Klik pada tajuk berita
6.	<u><a href="#">Shah Alam, Putrajaya rekod IPU tidak sihat / Putrajaya, Shah Alam catat IPU tak sihat</a></u>	Berita Harian	Klik pada tajuk berita dan Rujuk lampiran 2
7.	<u><a href="#">Jerebu setempat, ribut dan petir hanya sementara - MetMalaysia / MetMalaysia ramal ribut petir sehingga Jumaat</a></u>	Berita Harian	Klik pada tajuk berita dan Rujuk Lampiran 3
8.	<u><a href="#">Taman Botani Negara ditutup hingga 31 Mac</a></u>	Berita Harian	Rujuk Lampiran 4
9.	<u><a href="#">Tiga suspek buang sisa kimia dalam sungai ditahan</a></u>	Berita Harian	Rujuk Lampiran 5
10.	<u><a href="#">Dua sekolah terjejas ditutup sekali lagi</a></u>	Berita Harian	Rujuk Lampiran 6
11.	<u><a href="#">Sik paling 'hangat' la ni...</a></u>	Harian Metro	Klik pada tajuk berita
12.	<u><a href="#">Send waste back without delay, MP tells</a></u>	Edgeprop	Klik pada tajuk



	<a href="#">Lynas</a>		berita
13.	<a href="#">Kemuncak kemarau</a>	Harian Metro	Klik pada tajuk berita
14.	<a href="#">Ribut petir disebabkan perubahan pergerakan angin - MetMalaysia</a>	Astro Awani	Klik pada tajuk berita
15.	<a href="#">Empangan mini mampu kawal kebakaran tanah gambut</a>	Utusan Malaysia	Klik pada tajuk berita
16.	<a href="#">Gempa sederhana gegar utara Sumatera</a>	Berita Harian	Klik pada tajuk berita
17.	<a href="#">Tiga suspek dalang Sungai Kim Kim dicekup</a>	Astro Awani	Klik pada tajuk berita
18.	<b><u>Tiga suspek buang toksik ditahan</u></b>	Utusan Malaysia	Rujuk Lampiran 7
19.	<b><u>There arrested for waste dumpling</u></b>	The Star	Rujuk Lampiran 8
20.	<b><u>Dalang buang bahan kimia ditahan</u></b>	Kosmo	Rujuk Lampiran 9
21.	<b><u>Tiga individu ditahan</u></b>	Sinar Harian	Rujuk Lampiran 10
22.	<b><u>Gas beracun : Bahaya 50 meter</u></b>	Harian Metro	Rujuk Lampiran 11
23.	<b><u>3 held over dumping of chemical</u></b>	New Straits Times	Rujuk Lampiran 12
24.	<b><u>Perubahan Iklim &amp; Kehilangan Biodiversiti: Terjejaskah Rakyat?</u></b>	Sinar Harian	Rujuk Lampiran 13

## TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
25.	<a href="#">Ribut di Slim River: Mangsa cedera kena serpihan siling</a>	Malaysiakini	Klik pada tajuk berita
26.	<a href="#">Melestari alam sekitar tanpa beg plastik</a>	Kosmo	Klik pada tajuk berita
27.	<a href="#">Children are trying to save the planet</a>	The Malaysian Insight	Klik pada tajuk berita
28.	<a href="#">Hati-hati, terlebih hidu gas metana boleh bawa maut - Pakar</a>	Astro Awani	Klik pada tajuk berita
29.	<a href="#">Udara dua kawasan berjerebu</a>	Harian Metro	Klik pada tajuk berita
30.	<a href="#">Lautan sampah haram di Jalan Persiaran Lestari? / Papan tanda larangan sekadar perhiasan, tidak dipedulikan: Buang, bakar sampah</a>	Utusan Malaysia	Klik pada tajuk berita dan Rujuk lampiran 14
31.	<a href="#">Jumlah mangsa pencemaran Sungai Kim Kim meningkat 207 orang</a>	Utusan Malaysia	Klik pada tajuk berita
32.	<a href="#">Pencemaran berulang di 2 sekolah dikesali</a>	Berita Harian	Klik pada tajuk berita
33.	<a href="#">Johor MB regrets latest school closures over toxic fumes</a>	Malaymail	Klik pada tajuk berita
34.	<a href="#">TNB, Public Works Department ink renewable energy collaboration</a>	Daily Express	Klik pada tajuk berita
35.	<a href="#">UiTM, Petronas jalin kerjasama tenaga baharu</a>	Utusan Malaysia	Klik pada tajuk berita
36.	<a href="#">Penggunaan teknologi AI dalam Islam tertakluk batas, garis panduan</a>	Berita Harian	Klik pada tajuk berita



37.	<b><u>Single-use plastic</u></b>	The Star	Rujuk Lampiran 15
38.	<b><u>Aduan: Caj 20 sen untuk plastik barangan?</u></b>	Sinar Harian	Rujuk Lampiran 16
39.	<b><u>SJK (T) Rawang students taking part in Russia science festival</u></b>	The Star	Rujuk Lampiran 17
40.	<b><u>Preventive Steps</u></b>	The Sun	Rujuk Lampiran 18
41.	<b><u>Utilising technology in lessons</u></b>	The Star	Rujuk Lampiran 19
42.	<b><u>Decision on Lynas Operating Licence Soon?</u></b>	New Straits Times	Rujuk Lampiran 20
43.	<b><u>Science to The Rescue</u></b>	New Straits Times	Rujuk Lampiran 21
44.	<b><u>Residents paying the cost for poor maintenance</u></b>	The Star	Rujuk Lampiran 22
45.	<b><u>Sungai busuk , air hitam</u></b>	Sinar Harian	Rujuk Lampiran 23

## ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
46.	<b><u><a href="#">10 terkorban dalam banjir di Mozambique</a></u></b>	Utusan Malaysia	Klik pada tajuk berita
47.	<b><u><a href="#">11 maut dalam banjir di Brazil</a></u></b>	Utusan Malaysia	Klik pada tajuk berita
48.	<b><u>Ministry: Air pollution dropped in 2018</u></b>	The Star	Rujuk Lampiran 24
49.	<b><u>Strong wind destroys 50 houses in east jaya</u></b>	The Star	Rujuk Lampiran 25



LAMPIRAN 1
NANYANG SIANG PAU: MUKA SURAT DEPAN
TARIKH: 12 MAC 2019 (SELASA)

Newspaper masthead for Nanyang Siang Pau. Includes title '南洋商報', logo 'KONWA', and various advertisements like 'account365' and 'accounT365'. Contact information and date '2019年3月12日' are also present.



杨美盈婚了!

能源、工艺、科学、气候变化及环境部长杨美盈与IOI产业集团总执行长李耀昇于本月11日在双方家长见证下注册结婚...

Small news snippets including '政府签《罗马规约》被批 敦马：柔王储只为自己' and 'IMF看好大马经济增长4.7%'.

低调注册办婚礼

杨美盈部长嫁了

(吉隆坡11日讯) 一个是部长，一个是超级富豪，虽然之前极力保持低调，今天双双注册结婚，喜讯还是传遍了天下。



李深静向两人献上祝福。

能源、工艺、科学、气候变化及环境部长杨美盈与IOI产业集团总执行长李耀昇，今天上午在双方长辈陪同和祝福下，正式结为夫妻。

两人的喜宴，已确定于本月29日在吉隆坡举行。

29日办喜宴

今天中午，社媒便疯传两人今早的婚礼照片，相信是其宾客所拍。

鉴于今天也是国会下议院会议召开的第一天，许多国会记者都在寻找也是峇基里国会议员的杨美盈芳踪，惟却遍寻不获，原来伊人正在办理人生大事。

《南洋商报》向行动党有关人士查证，确认两人是于今天上午注册。

从照片所见，杨美盈并没有戴头纱或头饰，反而以简单大方的设计服饰示人，而新郎

新娘是行动党学霸

36岁的新娘子杨美盈是行动党的学霸级人马，2012年加入该党。她曾在2006年以一等荣誉学士学位在马来西亚国油大学毕业，主修化学工程。

较后，她在油田公司位于土库曼斯坦的分公司工作了两年

新郎统管IOI产业

40岁的李耀昇在结束单身生涯之前，是名副其实的钻石王老五，负责统管IOI集团辖下的IOI产业...

根据《2018年南洋富豪榜》，其父亲丹斯里李深静以194亿令吉身家，高居第三。李深静在2014年将集团分拆两大臂膀，长子李耀昇则负责产业。

李耀昇的父亲，即本地著名实业家丹斯里李深静伉俪，以及杨美盈父母杨福友及叶玉珍，也陪同一对新人共切蛋糕。

李耀昇的父亲，即本地著名实业家丹斯里李深静伉俪，以及杨美盈父母杨福友及叶玉珍，也陪同一对新人共切蛋糕。早前，社交媒体流传她和李耀昇的友人团体照，便传出恋情，但杨美盈每每遇到记者，都闭口不谈。

李耀昇领军 IOI 产业，在海外的事业版图更大，已经进军了新加坡和中国厦门。截至目前，IOI 产业已经在新加坡完成了 4 个项目，总值 41 亿新元，接下来会加快完成在滨海湾的发展项目；中国方面，已经在厦门打造了 IOI 园博湾 (IOI Park Bay) 和 IOI 棕榈城 (IOI Palm City)。本地方面，则会继续专注在雪州蒲种和布城的城镇发展，发展总值分别为 158 亿令吉和 166 亿令吉。

LAMPIRAN 2  
BERITA HARIAN (BENCANA): MUKA SURAT 24  
TARIKH: 12 MAC 2019 (SELASA)

## Putrajaya, Shah Alam catat IPU tak sihat

**Putrajaya:** Dua lokasi masing-masing di Putrajaya dan Shah Alam, Selangor mencatatkan bacaan Indeks Pencemaran Udara (IPU) tidak sihat, setakat jam 6 petang semalam.

Berdasarkan bacaan dipaparkan menerusi laman web [apims.doe.gov.my](http://apims.doe.gov.my), **Jabatan Alam Sekitar (JAS)**, Putrajaya merekodkan bacaan IPU 101, manakala Shah Alam, 166.

Putrajaya turut merekodkan bacaan tertinggi pada jam 2.20 petang semalam iaitu IPU 114, manakala Shah Alam pula mencatatkan bacaan IPU 111 dan 106, masing-masing pada jam 4 dan 5 petang semalam.

### 47 lokasi catat IPU sederhana

Selain itu, 47 lokasi lain merekodkan bacaan IPU sederhana dan 17 lokasi lain pula berada pada bacaan IPU baik.

Hampir semua negeri di Semenanjung Malaysia merekodkan bacaan IPU sederhana, selain dua lokasi masing-masing di Miri, Sarawak dan Komanis, Sabah.

Orang ramai boleh mendapatkan maklumat bacaan IPU terkini menerusi laman web [apims.doe.gov.my](http://apims.doe.gov.my) milik JAS Kementerian Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar.

Bacaan IPU turut dipaparkan dalam tempoh setiap jam.

Maklumat cuaca terkini turut dipaparkan menerusi laman web MetMalaysia atau aplikasi myCuaca dan media sosial MetMalaysia.

### LAMPIRAN 3 BERITA HARIAN (BENCANA): MUKA SURAT 24 TARIKH: 12 MAC 2019 (SELASA)



Pekerja Perbadanan Putrajaya melakukan kerja pembersihan dan mengalihkan pokok tumbang akibat hujan lebat dan ribut di sekitar Putrajaya, semalam.

## MetMalaysia ramal ribut petir sehingga Jumaat

➔ Penduduk diminta sentiasa waspada elak kejadian tidak diingini

Oleh Irwan Shafrizan Ismail dan Norrasyidah Arshad  
bhnews@bh.com.my

Putrajaya

Jabatan Meteorologi (MetMalaysia) memaklumkan ribut petir yang berlaku pada sebelah petang di beberapa kawasan termasuk Kuala Lumpur, Putrajaya dan Selangor akan berterusan sehingga Jumaat ini. Unit Komunikasi MetMalaysia berkata, kejadian ribut berkenaan yang berlaku sejak beberapa hari lalu disebabkan perubahan corak angin dari timur laut kepada pelbagai hala yang menggalakkan pembentukan awan ribut petir kumulonimbus pada sebelah petang. Katanya, berdasarkan ramalan dipaparkan menerusi laman web MetMalaysia, ribut petir berlaku pada sebelah petang di satu atau dua tempat di Kuala Lumpur, Putrajaya, Pulau Pi-



[FOTO SABIEN NAFIS/BH]

Sebuah bas pecah cermin hadapan ditimpa dahan pokok selepas dilanda ribut di Taman Botani Negara Shah Alam, kelmarin.

ang, Kedah, Perak, Selangor, Negeri Sembilan dan Johor. "Kejadian ribut petir di Putrajaya dan Shah Alam kelmarin (Sabtu lalu) dan semalam (kelmarin) bersifat setempat. "Bagaimanapun, penduduk di kawasan berkenaan diminta sentiasa berwaspada bagi mengelak kejadian tidak diingini," katanya ketika dihubungi, semalam. **Peka perubahan cuaca** Mengulas lanjut, MetMalaysia berkata, orang ramai diminta sentiasa peka perubahan cuaca dengan mendapatkan maklumat cuaca dan amaran terkini daripada MetMalaysia melalui aplikasi myCuaca, media sosial serta laman web. "Jika ribut petir dijangka berlaku, batalkan atau tunda ak-

tiviti luar, elak meletak kenderaan di bawah pokok besar dan berada di kawasan cenderung banjir. "Kita perlu berwaspada dengan tanda awal ribut petir seperti penurunan suhu secara mendadak dan pembentukan awan kumulonimbus iaitu awan membesar secara menegak, berkepul serta berwarna gelap. "Jika ada tanda petir, kelajuan angin meningkat dan kelihatan serpihan berterbangan serta hujan lebat, segera berlindung di dalam bangunan yang selamat," katanya. Sabtu lalu, hujan lebat dan ribut petir luar biasa di Putrajaya menyebabkan 122 pokok tumbang, 115 pokok patah dahan dan lima tiang lampu tumbang. Presiden Perbadanan Putrajaya (PPJ), Datuk Dr Aminuddin

Hassim, berkata antara kawasan terjejas adalah kawasan kejiranan dan taman awam di Presint 1, 8, 9, 10, 11, 14 dan 16. **Perlu rawatan rapi** Sementara itu, seorang daripada tiga lelaki warga Myanmar yang cedera dipanah petir di padang bola sepak Akademi Badminton Setia Alam, kelmarin, dilaporkan masih koma di Unit Rawatan Rapi (ICU), Hospital Tengku Ampuan Rahimah (HTAR), Klang. Ketua Polis Daerah Klang Utara, Asisten Komisioner Nurulhuda Mohd Salleh, berkata Abdul Rahman Abul Hussin, 30, memerlukan rawatan rapi dan pengawasan doktor kerana parah dalam insiden yang menyebabkan seorang lagi warga Myanmar, maut.

LAMPIRAN 4  
BERITA HARIAN (BENCANA): MUKA SURAT 24  
TARIKH: 12 MAC 2019 (SELASA)

## Taman Botani Negara ditutup hingga 31 Mac

**Shah Alam:** Taman Botani Negara di Bukit Cerakah di sini, ditutup kepada pengunjung sehingga 31 Mac ini bagi membolehkan kerja pembersihan dan pemulihan dijalankan susulan ribut yang melanda kelmarin.

Pegawai Perhubungan Awam Taman Botani, Nurul Wardina Abdullah, berkata ribut turut menyebabkan tiga rusa dewasa mati, selain banyak pokok tumbang serta kerosakan kemudahan tapak aktiviti riadah.

### Anggaran kerugian belum diperoleh

“Sebuah kenderaan turut rosak teruk di cermin depan tetapi anggaran kerugian keseluruhan belum diperoleh,” kepada kepada *BH* di sini, semalam.

Nurul Wardina berkata, seramai 80 petugas Jabatan Veterinar, Jabatan Pertanian, Jabatan Perhutanan Negeri Selangor dan kakitangan Taman Botani terbabit dalam kerja pembersihan dan pemulihan itu.

“Taman Botani ditutup untuk memastikan keadaan benar-benar pulih demi ke-selesaian serta keselamatan pengunjung,” katanya.

Sementara itu, tinjauan *BH* mendapati tapak aktiviti sukan lasak Skytrex dan taman haiwan turut rosak teruk.



LAMPIRAN 5  
BERITA HARIAN (BENCANA): MUKA SURAT 23  
TARIKH: 12 MAC 2019 (SELASA)

KES PEMBUANGAN SISA KIMIA BERBAHAYA SECARA HARAM

# Tiga suspek buang sisa kimia dalam sungai ditahan

➔ JAS lengkapkan kertas siasatan dakwa pihak terbabit minggu ini

Oleh Iffwan Tun Tuah  
iffwan@bh.com.my

► Pasir Gudang

**P**olis dan Jabatan Alam Sekitar (JAS) menahan tiga suspek yang dipercayai membuang sisa kimia ke dalam Sungai Kim Kim, di sini, sehingga mengakibatkan pencemaran gas metana pada Khamis lalu.

Pengarah JAS Johor, Datuk Dr Mohammad Ezanni Mat Salleh, berkata tiga lelaki berusia 50-an termasuk dua pemilik kilang itu ditahan dalam operasi khas kelmarin dan semalam.

"Seorang pemilik kilang mem-

proses barang lusuh bersama pekerjanya ditahan di kawasan kilangnya di Taman Pasir Putih di sini jam 12.30 tengah (semalam). Seorang lagi pemilik kilang memproses bahan kimia ditahan di Kulai dekat sini, jam 7 malam (kelmarin)," katanya ketika ditemui di kilang barang lusuh yang disita itu, semalam.

Yang turut hadir, Pengerusi Jawatankuasa Kesihatan, Alam Sekitar dan Pertanian negeri, Dr Sahrudin Jamal.

**Yakin ada bukti kukuh**

Mohammad Ezanni berkata, pihaknya sedang melengkapkan kertas siasatan dan yakin mempunyai

bukti kukuh untuk mendakwa mereka minggu ini.

Ketiga-tiga suspek ditahan untuk siasatan mengikut Seksyen 34B Akta Kualiti Alam Sekeliling 1974 yang memperuntukkan hukuman denda maksimum RM500,000 dan penjara tidak lebih lima tahun.

Khamis lalu, media melaporkan 1,400 pelajar di Sekolah Menengah Kebangsaan (SMK) Pasir Putih dan Sekolah Kebangsaan (SK) Pasir Putih di sini, diarah mengosongkan kawasan sekolah itu kira-kira jam 10.30 pagi apabila beberapa pelajar muntah dan pengsan selepas terhidu gas metana.

Secara keseluruhan, seramai 82 mangsa dirawat di hospital dan

klirik akibat pencemaran gas itu. Mereka termasuk dua pelajar SMK Pasir Putih, selain seorang pengusaha kantin dan pemandu ambulans dirawat di Unit Rawatan Rapi (ICU).

Kejadian itu dipercayai berpunca daripada pembuangan bahan kimia dari sebuah lori tangki ke dalam Sungai Kim Kim oleh pihak tidak bertanggungjawab, kira-kira jam 2 pagi Khamis.

**Suspek rancang buang lagi**

Mohammad Ezanni berkata, suspek sama dipercayai merancang untuk membuang bahan kimia itu sekali lagi malam tadi.

"Ketika serbuan jam 12.30 te-

ngah hari tadi (semalam), kita dapati dua suspek terbabit dengan bahan kimia yang sudah dibungkus dan apabila ditanya, mereka mengakui mahu membuangnya di lokasi sama di sungai itu malam ini (tadi).

"Kita turut menyerbu sebuah kilang memproses bahan kimia yang dipercayai mempunyai kaitan dengan kes ini di Kulai dekat sini jam 7 malam tadi (kelmarin).

"Kilang itu pernah disita kerana kes pencemaran alam sekitar dan ketika serbuan malam tadi, pemiliknya tidak dapat menjelaskan ke mana sisa bahan kimia di dalam premis itu dibuang," katanya.



Pegawai JAS mengambil sampel bahan kimia sambil diperhatikan Dr Sahrudin (kiri) dan Muhammad Ezanni (kanan) di kilang memproses barangan lusuh yang disita di Pasir Gudang, semalam.

[FOTO HAIROL ANUAR RAHIM/BH]

## LAMPIRAN 6 BERITA HARIAN (BENCANA): MUKA SURAT 23 TARIKH: 12 MAC 2019 (SELASA)

### Dua sekolah terjejas ditutup sekali lagi

**Pasir Gudang:** Sekolah Menengah Kebangsaan (SMK) Pasir Putih dan Sekolah Kebangsaan (SK) Pasir Putih di sini, yang terjejas akibat pencemaran gas metana, ditutup sekali lagi untuk sementara waktu.

Timbalan Pengarah Pendidikan Johor, Azman Adnan, berkata kedua-dua sekolah itu akan dibuka apabila keadaan kembali pulih.

"Keputusan bila sekolah dibuka semula akan dibuat selepas mengambil kira status kualiti udara dan syor mesyuarat Jawatankuasa Bantuan Bencana Daerah Johor Bahru," katanya dalam kenyataan di sini, semalam.

Sementara itu, Pengerusi Jawatankuasa Kesihatan, Alam Sekitar dan Pertanian negeri, Dr Sahrudin Jamal, berkata 61 pelajar dari kedua-dua sekolah itu dihantar ke Hospital Sultan Ismail (HSI) dekat sini, semalam sehingga jam 5.30 petang.

Katanya, bagaimanapun semua pelajar terbabit berada dalam ke-



Azman Adnan

adaan stabil.

Khamis lalu, media melaporkan seramai 1,400 pelajar kedua-dua sekolah terbabit diarahkan mengosongkan kawasan sekolah kira-kira jam 10.30 pagi apabila beberapa pelajar muntah dan pengsan selepas terhidu gas metana.

Susulan itu, kedua-dua sekolah terbabit ditutup selama empat hari termasuk Jumaat dan Sabtu lalu, sebelum dibuka semula semalam, namun terpaksa dikosongkan se-

kali lagi semalam apabila ramai pelajar mengadu sesak nafas.

Sementara itu, Jabatan Alam Sekitar (JAS) sudah melantik kontraktor bagi menjalankan kerja pembersihan sisa kimia di Sungai Kim Kim di Taman Pasir Putih, di sini.

#### Kerja pembersihan dimulakan

Sahrudin berkata, kerja pembersihan menyeluruh sudah dimulakan semalam oleh kontraktor profesional berkenaan.

"Kita jangka kerja pembersihan ini mengambil masa lima hari, membabitkan kawasan sepanjang 1.3 kilometer dari tempat pembuangan sisa kimia yang dikesan Khamis lalu," katanya.

Beliau berkata demikian ketika ditemui pemberita selepas meninjau keadaan Sekolah Menengah Kebangsaan (SMK) Pasir Putih dan Sekolah Kebangsaan (SK) Pasir Putih di sini, semalam.

Dua sekolah itu ditutup semula hari ini selepas pelajar mengadu

sesak nafas.

Secara keseluruhan, lebih 82 mangsa dirawat di hospital dan klinik akibat pencemaran gas itu termasuk seorang pengusaha kantin dan seorang pemandu ambulans.

Kedua-dua sekolah itu sebelum ini ditutup empat hari termasuk pada Jumaat dan Sabtu lalu, sebelum dibuka semula hari ini selepas pihak berkuasa mengesahkan udara kawasan itu sudah tidak tercemar.

Sahrudin berkata, pihaknya masih menyasat punca pelajar mengadu sesak nafas termasuk kemungkinan faktor psikologi rentetan kejadian Khamis.

Kira-kira jam 11 pagi semalam, bomba mengarahkan kedua-dua sekolah itu ditutup semula sebagai langkah berjaga-jaga bagi mengelak kejadian tidak diingini. Difahamkan, kira-kira 20 pelajar kedua-dua sekolah itu dihantar ke Hospital Sultan Ismail (HSI) untuk pemeriksaan lanjut.



- ➊ **Metana** ialah sebatian kimia dengan formula kimia CH<sub>4</sub>
- ➋ **Sejenis alkana** (hidrokarbon tepu), salah satu komponen utama gas asli
- ➌ **Tidak berbau**, tidak berwarna, mudah terbakar
- ➍ **Kegunaan** sebagai bahan api atau untuk buat haba, cahaya
- ➎ **Tidak beracun**, tiada standard OSHA PEL
- ➏ **Pendedahan** kepada tahap gas metana tinggi mampu menyebabkan badan manusia kurang oksigen
- ➐ **Kesan terhadap manusia** sukar bernafas, loya, muntah, risiko mati lemas



# LAMPIRAN 7 UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 7 TARIKH: 12 MAC 2019 (SELASA)



PENGERUSI Jawatankuasa Kesihatan, Alam Sekitar dan Pertanian Johor, Dr. Sahrudin Jamal (kiri) dan Pengarah JAS negeri, Datuk Dr. Mohammad Ezzani Mat Salleh (dua dari kiri) meninjau kilang yang disyaki membuang bahan sisa buangan berjadual di Sungai Kim Kim, Pasir Gudang, baru-baru ini. - UTUSAN/NUR AISYAH MAZALAN

## Tiga suspek buang toksik ditahan

- Pemilik kilang bahan kimia, kilang proses barang lusuh antara ditahan.
- Bahan kimia sama cemari Sungai Kim Kim, Pasir Gudang turut ditemui.
- Dua sekolah terjejas ditutup semula selepas beberapa pelajar pening, loya.

**BERITA  
PENUH  
DI MUKA 7**



MOHAMMAD EZZANI MAT SALLEH (kiri) bersama Pengerusi Jawatankuasa Kesihatan, Alam Sekitar dan Pertanian negeri, Dr. Sahrudin Jamal meninjau sebuah kilang yang disyaki terbabat dalam kes pembuangan bahan sisa buangan berjadual di Sungai Kim Kim di Pasir Gudang, Johor, semalam. - UTUSAN/ NUR AISYAH MAZALAN

## Pencemaran kimia: 3 suspek ditahan

Oleh MOHD. KHAIRUL MOHD. ALI  
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### ■ PASIR GUDANG 11 MAC

**M**EMILIKI bahan kimia hampir sama dengan yang dibuang di Sungai Kim Kim di sini pada Khamis lalu dan dipercayai cuba membuang bahan kimia telah siap dibungkus ke dalam sungai tersebut.

Itu penyebab tiga suspek yang terdiri daripada dua pemilik kilang dan seorang pekerja berusia antara 40-an dan 50-an itu ditahan dalam serbuan berasingan di Kulai dan di Taman Pasir Putih di sini pada semalam dan hari ini.

Pengarah Jabatan Alam Sekitar, Datuk Dr. Mohammad Ezzani Mat Salleh berkata, seorang daripada pemilik kilang ditahan di Kulai pada pukul 7 malam semalam manakala seorang lagi ditahan bersama pekerjanya di

Taman Pasir Putih pukul 12.30 tengah hari ini.

"Serbuan pertama dibuat selepas kita mencari kilang yang memproses bahan kimia jenis berkenan di Kulai.

"Hasil pemeriksaan, kita dapati bahan kimia di kilang tersebut hampir sama dengan yang dibuang di sungai itu namun kita perlu menunggu laporan kimia sampel bahan yang diambil di kilang. Buat masa ini kita menahan pemiliknya untuk membantu siasatan," katanya.

Beliau berkata demikian dalam sidang akhbar selepas meninjau lokasi pembuangan sisa kimia di Sungai Kim Kim dan memeriksa sebuah kilang memproses barang lusuh di sini hari ini.

Mohammad Ezanni berkata, serbuan kedua pula dibuat selepas pihaknya mendapat maklumat berkenaan sebuah kilang memproses barangan lusuh kira-kira 500 meter dari lokasi pembuangan sisa bahan kimia itu ditemui.

"Ketika diserbu, kita dapati terdapat sejumlah sisa bahan kimia berjadual yang dibungkus dan apabila ditanya, suspek mengaku untuk dibuang.

"Ketika ditanya hendak dibuang di mana, suspek hanya menjawab dengan menunjukkan isyarat 'depan sana', suspek juga dipercayai berniat untuk membuang sisa bahan buangan lain pada malam ini, Alhamdulillah kita sempat menghalang tindakan mereka jadi kita tahan mereka untuk membantu siasatan," ujarnya.

Tambah Mohammad Ezanni, kertas siasatan telah dibuka dan pendakwaan terhadap suspek dijangka akan dapat dibuat dalam minggu ini.

Kesemua suspek disiasat mengikut Seksyen 34B Akta Kualiti Alam Sekeliling 1974 yang memperuntukkan hukuman denda sehingga RM500,000 dan penjara maksimum lima tahun atau keduanya jika sabit kesalahan.

LAMPIRAN 8
THE STAR (NATION): MUKA SURAT 14
TARIKH: 12 MAC 2019 (SELASA)

Three arrested for waste dumping

Authorities detain suspects after dozens seek treatment for hazardous gas exposure

JOHOR BARU: Three men, including two company owners, have been arrested in relation to chemical waste dumped in Sungai Kim Kim - which led to dozens being treated for exposure to hazardous fumes. State Department of Environment (DoE) director Datuk Dr Mohammad Ezanni Mat Salleh said the suspects were picked up in a joint operation

with the police. A chemical processing factory owner in Kulai were arrested at about 7pm on Sunday, while a waste processing factory owner in Pasir Puth and his worker were arrested at 12.30pm yesterday, he said. The suspects are between 40 and 50 years old. Mohammad Ezanni met reporters during a visit to the waste pro-

cessing factory in Jalan Selar 1, Pasir Puth here. Also present was State Health, Environment and Agriculture Committee chairman Dr Sahrudin Jamal. Mohammad Ezanni said a Chemistry Department report led investigators to the first suspect. "We are currently waiting for another report to determine if

chemical compound from the waste processing company was also in the same river," he said. Mohammad Ezanni said the arrest of the second suspect was made after a public tip-off informing DoE about their activity. "We immediately raided the factory and found black chemical material. The worker of the company admitted the waste was going to

be disposed of in the river, which is located 500m from the factory. The case is being investigated under the Environmental Quality Act, which carries a fine of not more than RM500,000 and up to five years' jail, upon conviction. Mohammad Ezanni said they hoped to charge the suspects this week but this depends on the deputy public prosecutor.

Two schools hit by toxic gas ordered closed again

By REMAR NORDIN newsdesk@thestar.com.my

JOHOR BARU: Two schools affected by toxic fumes last week were ordered to close again after students started showing symptoms of chemical exposure. Classes had resumed at SK Taman Pasir Puth and SM Taman Pasir Puth for only five hours yesterday before the decision was made by the Fire and Rescue Hazmat (hazardous materials) team. State Health, Environment and Agriculture Committee chairman Dr Sahrudin Jamal said they had again received reports of students having breathing difficulty. "The decision to reopen the schools was made on Sunday but now we are closing them until further notice," he told reporters after visiting the schools yesterday. On March 7, 30 people including 18 students from the schools were admitted to hospitals in Pasir Gudang after exposure to hazardous gas from chemical waste that was illegally dumped into a river. Two victims, including a student, were intubated as their respiratory systems were blocked. In yesterday's incident, Dr

"We are trying to find out what triggered this incident, whether it is really because of the chemical or just a panic reaction from other students who saw their friends having trouble breathing.

Dr Sahrudin Jamal



Keeping tabs: Dr Sahrudin looking in on one of the students having trouble breathing after being exposed to hazardous fumes from Sungai Kim Kim.

Sahrudin said as of 1.30pm, eight students were taken to Sultan Ismail Hospital while 10 students and two teachers received treatment at the schools. Dr Sahrudin added that the Hazmat unit found that the air quality in the schools was normal but will conduct thorough investigations. "We are trying to find out what

triggered this incident, whether it is really because of the chemical or just a panic reaction from other students who saw their friends having trouble breathing. "We have also received reports of students fainting this morning because they skipped breakfast. So there are a lot of factors that we

need to clarify," he said. He added that the Johor Disaster Relief Committee will meet again today to discuss the issue. Johor Hazmat unit chief Saiful Bahari Safar said he ordered for the schools to close at about noon and investigations are underway. "Based on our checks and the air

quality reading, this incident should not have happened," he said when met at the scene.

Watch the video thestartv.com



### LAMPIRAN 9 KOSMO (NEGARA): MUKA SURAT 10 TARIKH: 12 MAC 2019 (SELASA)

## Lagi murid sakit terhidu gas metana

**PASIR GUDANG** - Sekolah Kebangsaan (SK) Taman Pasir Putih dan Sekolah Menengah Kebangsaan (SMK) Pasir Putih yang baru sahaja dibuka pagi semalam, diarahkan ditutup semula berikutan terdapat murid mengadu sesak nafas.

Pengerusi Jawatankuasa Kesihatan, Alam Sekitar dan Pertanian negeri, Dr. Sahrudin Jamal berkata, seramai 61 pelajar Sekolah Menengah Kebangsaan (SMK) Pasir Putih dan Sekolah Kebangsaan (SK) Taman Pasir Putih di sini dikejarkan ke Hospital Sultan Ismail (HSI) selepas mengadu sakit dada dan muntah-muntah susulan terhidu bau bahan kimia.

Katanya, masing-masing yang dikejarkan ke hospital terdiri daripada 35 murid sekolah rendah, 25 pelajar sekolah menengah dan seorang guru.

"Seramai sembilan orang berada di zon merah iaitu sistem pernafasan yang teruk, zon kuning seramai 25 orang yang mengalami simptom muntah dan pening manakala 27 orang di zon hijau iaitu keadaannya tidak serius.

"Kita menerima panggilan kecemasan daripada pihak sekolah pada pukul 10 pagi tadi (semalam) selepas beberapa pelajar mendakwa masih terhidu bau busuk dipercayai kesan sisa pembuangan toksik," katanya.

Semalam, dua buah sekolah berkenaan dibuka semula selepas diberi cuti kecemasan namun menjelang tengah hari suasana kembali panik apabila beberapa pelajar mengadu sesak nafas serta muntah-muntah.

Dr. Sahrudin berkata, susulan kejadian itu, pihaknya mengarahkan semua pelajar mengosongkan bangunan.

"Kontraktor telah dilantik untuk membersihkan sisa kimia di sungai berkenaan, yang memulakan kerja pembersihan hari ini (semalam).

"Pembersihan dijangka mengambil masa lima hari meliputi kawasan sungai sejauh 1.3 kilometer," ujarnya.



SITUASI cemas seorang pelajar diberi bantuan kecemasan akibat mengalami simptom sesak nafas selepas terhidu gas metana di SK Taman Pasir Putih dan SMK Pasir Putih semalam.

## Dua pemilik kilang, seorang pekerja akan didakwa minggu ini cemarkan Sungai Kim Kim Dalang buang bahan kimia ditahan

Oleh SHARKAWI LONDING

**PASIR GUDANG** - Tiga lelaki disyaki dalang utama kes pembuangan bahan kimia dipercayai jenis metana ke dalam Sungai Kim Kim sehingga menyebabkan 82 mangsa dikejarkan ke hospital sejak Khamis lalu ditahan polis.

Pengarah Jabatan Alam Sekitar (JAS) negeri, Datuk Dr. Mohammad Ezzani Mat Salleh berkata, ketiga-tiga suspek yang

ditahan itu berusia antara 40 hingga 50 tahun ditahan polis petang kelmarin dan tengah hari semalam.

Katanya, mereka merupakan pemilik kilang memproses bahan kimia, pemilik kilang barang lusuh dan pekerjanya.

"Pemilik kilang memproses bahan kimia ditahan 7 petang kelmarin di Kulai manakala pemilik kilang barang lusuh dan pekerjanya pula ditahan di Taman Pasir Putih di sini pada pukul 12.30

tengah hari semalam.

"Selepas pihak JAS menjalankan siasatan, kita berjaya mengesan dalang utama yang membuang bahan kimia ke dalam Sungai Kim Kim dan berjaya menahan ketiga-tiga suspek tersebut," katanya ketika meninjau kilang barang lusuh milik salah seorang suspek di sini semalam.

Mohammad Ezzani memberitahu, pihaknya sedang melengkapkan kertas siasatan dan yakin mempunyai bukti kukuh untuk mendakwa mereka minggu ini.

"Selepas pihak kami melakukan analisis kimia terhadap sampel air sungai dengan bahan bukti yang diambil di kilang, ia

didapati sepadan.

"Bukti yang kita peroleh ini kukuh untuk mensabitkan ketiga-tiga suspek," jelasnya.

Beliau berkata, siasatan awal mendapati salah sebuah kilang tersebut pernah disita sebelum ini ekoran kesalahan melibatkan pencemaran.

*Kosmo!* Jumaat lalu melaporkan, lebih 1,400 pelajar Sekolah Menengah Kebangsaan Pasir Putih dan Sekolah Kebangsaan Taman Pasir Putih diarahkan mengosongkan kawasan sekolah kira-kira pukul 10.30 pagi apabila beberapa pelajar muntah dan pengsan selepas terhidu gas metana.



MOHAMMAD Ezzani (dua dari kiri, belakang) meninjau salah satu kilang yang disyaki terlibat dalam kes pembuangan bahan kimia di Sungai Kim Kim semalam.



KERATAN *Kosmo!* 8 Mac 2019.

#### INFO Kronologi kes Sungai Kim Kim tercemar

- 8 Mac** - Seramai 35 mangsa dikejarkan ke hospital selepas terhidu bau sisa buangan berjadual dipercayai bahan kimia jenis metana yang dibuang di Sungai Kim Kim, Taman Pasir Putih.
- 9 Mac** - Jabatan Alam Sekitar (JAS) negeri mengesahkan sisa tumpahan yang mengakibatkan pencemaran bau gas metana berpunca daripada sisa minyak aktiviti mencuci kapal.
- 10 Mac** - SMK Pasir Putih dan Sekolah Kebangsaan Pasir Putih diarahkan tutup buat sementara waktu.
- 11 Mac** - Penduduk Kampung Bukit Pulai, Pasir Putih mendakwa Sungai Kim Kim masih tercemar walaupun kerja-kerja pembersihan sudah dilakukan, keadaan sungai itu masih keruh dan berbau.

# LAMPIRAN 10 SINAR HARIAN (PENCEMARAN SUNGAI KIM KIM): MUKA SURAT 36 TARIKH: 12 MAC 2019 (SELASA)



## Dua sekolah diarah ditutup semula

PASIR GUDANG - Sekolah Kebangsaan (SK) Taman Pasir Putih dan Sekolah Menengah Kebangsaan (SMK) Pasir Putih yang baru sahaja kembali beroperasi pagi semalam, diarahkan ditutup semula.

Arahan penutupan dua sekolah itu berikutan terdapat murid mengalami sesak nafas menjelang waktu tengah hari.

Exco Kesihatan, Alam Sekitar dan Pertanian negeri, Dr Sahrudin Jamal berkata, kedua-dua sekolah terbabit akan ditutup buat sementara waktu.

Menurutnya, status keselamatan dua sekolah ter-

sebut akan diputuskan selepas perbincangan dalam Jawatankuasa Tindakan Bencana kelak.

"Setakat jam 12.30 tengah hari (semalam), lapar murid dihantar ke Hospital Sultan Ismail (HSI).

"Lebih 10 pelajar pula dirawat di sekolah dan dewan berdekatan," katanya di Dewan Taman Pasir Putih di sini.

Ketika ditanya sama ada punca kejadian dikaitkan dengan pencemaran udara, Dr Sahrudin berkata, pelbagai faktor boleh mempengaruhi.

"Sebelum ini, pihak JAS



Dr Sahrudin ketika bercakap kepada pemberita.

dan Hazmat (Jabatan Bomba dan Penyelamat) dah buat penilaian dan sahkan keadaan selamat, itu sebab kita buka sekolah.

"Bagaimanapun, pihak sekolah hubungi kita dan mendakwa ada pelajar puyai simptom sesak nafas

dan sebagainya disebabkan pencemaran udara berikutan pembuangan sisa kimia," kata beliau.

Beliau berkata, punca sebenar bagaimanapun belum dikenalpasti.

Katanya, kontraktor pembersihan sisa kimia di sungai berkenaan dilantik dan memulakan kerja.

"Pembersihan mengambil masa lima hari meliputi kawasan sungai sejauh 1.3 kilometer," katanya.

Sementara itu, sehingga petang semalam, seramai 61 mangsa dirawat di Unit Kecemasan HSI akibat pencemaran Sungai Kim Kim.

## Tiga individu ditahan

### 2 pemilik kilang dan seorang pekerja ditahan bantu siasatan

MOHD FIRDAUS YON  
PASIR GUDANG



Situasi murid SK Taman Pasir Putih yang berdepan masalah kesihatan pagi, semalam

Tiga individu terdiri daripada dua pemilik kilang dan seorang pekerja ditahan kerana disyaki terlibat dengan kejadian pembuangan sisa bahan kimia ke dalam Sungai Kim Kim di sini, Khamis lalu.

Ketiga-tiga suspek berusia antara 40-an hingga 50-an itu, ditahan dalam

dua serbuan berasingan di Kulai dan Taman Pasir Putih di sini.

Pengarah Jabatan Alam Sekitar (JAS) Johor, Datuk

Dr Mohammad Ezani Mat Salleh berkata, seorang pemilik kilang memproses bahan kimia di Kulai, ditahan jam 7 petang kelmarin.

Manakala dua lagi individu terdiri seorang pemilik kilang memproses bahan lusuh dan pekerjanya ditahan di Taman Pasir Putih di sini, jam 12.30 tengah hari, semalam.

"Serbuan pertama dibuat selepas mendapat hasil laporan kimia yang dibuang di sungai itu dan kita mencari kilang memproses bahan kimia jenis berkenan di Kulai.

"Hasil pemeriksaan, kita dapati bahan kimia di kilang tersebut hampir sama, namun kita perlu menunggu laporan kimia sampel bahan yang diambil

**info**

- Kesan bahan kimia mirip sampel
- 2 kilang disyaki terlibat
- Mengikut Seksyen 34B Akta Kualiti Alam Sekitar 1974

di kilang. Buat masa ini, kita menahan pemiliknya untuk membantu siasatan," katanya, semalam.

Mohammad Ezani berkata, serbuan kedua pula dibuat selepas pihaknya mendapat maklumat berkenaan sebuah kilang memproses barangan lusuh kira-kira 500 meter dari lokasi pembuangan sisa bahan kimia tersebut ditemui.

### Dakwa warga sekolah muntah, loya, pening

JOHOR BAHRU - Setelah beberapa jam sekolah kembali beroperasi susulan ditutup beberapa hari akibat kejadian pencemaran sisa bahan kimia semalam, dimaklumkan terdapat guru dan pelajar berdepan masalah kesihatan.

Menurut sumber, terdapat guru dan pelajar pulang kerana berasa tidak selesa dengan tahap kualiti udara semasa, selain puyai simptom pening dan rasa loya walaupun hadir ke sekolah dalam keadaan yang sihat.

"Sekolah masih belum bebas kimia. Sekolah dibuka, tetapi ramai pelajar balik kerana berasa tidak selesa.

"Awal pagi datang (ke sekolah) sihat. Ada pelajar yang balik kerana

na pening dan rasa loya," katanya dalam pesanan menerusi aplikasi WhatsApp kepada Sinar Harian di sini, semalam.

Sumber tersebut turut memaklumkan, terdapat murid sekolah rendah yang muntah-muntah dipercayai daripada pencemaran udara di situ.

Kelmarin, Jabatan Pendidikan Negeri Johor mengesahkan status keselamatan SK Taman Pasir Putih dan SMK Pasir Putih selama untuk proses pembelajaran.

Exco Hal Ehwal Agama Islam dan Pendidikan negeri, Aminolhuda Hassan turut mengadakan tinjauan di dua sekolah terbabit, yang mula beroperasi semula pagi semalam.



Mohammad Ezani bersama Dr Sahrudin (kanan) meninjau kilang memproses bahan lusuh.

"Ketika diserbu, kita dapati terdapat sejumlah sisa bahan kimia berjadual dibungkus dan apabila ditanya, suspek mengaku ia untuk dibuang.

"Ketika ditanya hendak dibuang di mana, suspek hanya menjawab dengan menunjukkan isyarat 'depan sana'. Jadi kita tahan mereka untuk bantu siasatan," katanya.

Beliau berkata, kesemua suspek ditahan untuk siasatan mengikut Seksyen 34B Akta Kualiti Alam Sekeliling 1974.

# LAMPIRAN 11 HARIAN METRO (SETEMPAT): MUKA SURAT 10 TARIKH: 12 MAC 2019 (SELASA)

## GAS BERACUN

Kuala Lumpur

**T**idak tempoh khusus untuk orang awam mengelak daripada berada di kawasan yang tercemar dengan gas metana kerana banyak faktor mempengaruhi tempoh masa itu. Pensyarah Kanan Jabatan Kimia Fakulti Sains Universiti Malaya Dr Choo Yeun Mun berkata, bagi kes biasa orang ramai perlu mengelak berada dalam radius 50 meter dari kawasan tumpahan sekurang-kurangnya dua hari. "Orang ramai jika terbau sesuatu gas yang ganjil jangan dekat tempat itu dalam lingkungan 50 meter sekurang-kurangnya dua hari untuk

# BAHAYA 50 METER

■ **Tiada tempoh khusus orang awam elak kawasan tercemar bahan kimia**

memastikan aliran udara bersih kembali. "Namun, apapun tetap bergantung sepenuhnya kepada luas kawasan dan seberapa tinggi dos tumpahan berlaku mungkin tempoh masa itu boleh menjadi panjang lagi," katanya ketika dihubungi semalam. Menurutny, keadaan cuaca sangat mempengaruhi kebersihan udara di kawasan tumpahan.

"Jika sisa masih berada dalam sungai atau tebing sungai ada kemungkinan tindak balas kimia berlaku seterusnya menghasilkan metana lagi terutama ketika cuaca panas yang menyebabkan metana berwap. "Biasanya metana boleh meruap suhu takat dididhinya adalah -182 darjah Celsius yang mudah merebak dalam udara.

"Namun, tahap pencemaran udara di kawasan tumpahan boleh diukur berdasarkan pemantauan Jabatan Alam Sekitar menggunakan sejenis alat dinamakan komponen bahan kimia meruap (VOC)," katanya. "Katanya, gas organik seperti metana hanya boleh dielak dengan pemakaian topeng mulut khas bertapis.

"Untuk gas seperti ini perlukan topeng muka jenis cartridge berikutan topeng mulut biasa hanya boleh menapis zarah kecil saja. "Gas metana jika terhidu sangat bahaya boleh menyebabkan keracunan dan loya selain membawa kematian. "Jadi langkah terbaik untuk orang awam hindari kawasan tumpahan untuk tempoh tertentu dan ikuti arahan pihak berkuasa," katanya.

“**Jika** sisa masih berada dalam sungai ada kemungkinan tindak balas kimia berlaku seterusnya menghasilkan metana lagi terutama ketika cuaca panas yang menyebabkan metana berwap”  
*Dr Choo Yeun Mun*



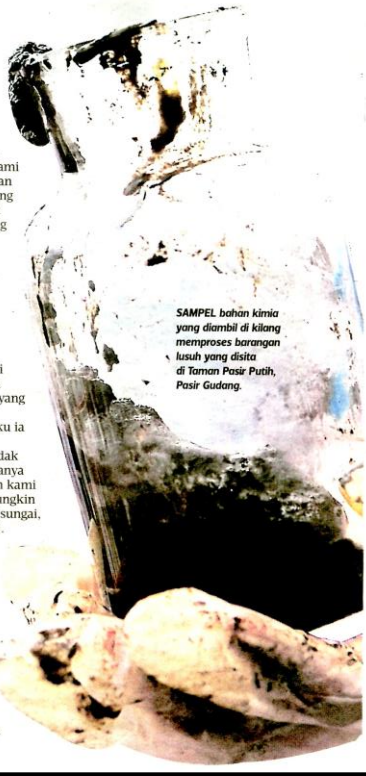
## Dua tauke, pekerja ditahan

**Johor Bahru:** Dua pemilik dan seorang pekerja kilang ditahan selepas pembuangan sisa bahan kimia di Sungai Kim Kim, Pasir Gudang, di sini, Khamis lalu. Lelaki berusia 40 hingga 50 tahun itu ditahan malam kelmarin dan tengah hari semalam di dua kilang berasingan dekat Kulai serta Taman Pasir Putih, di sini.

Pengarah Jabatan Alam Sekitar (JAS) Johor Darul Dr Mohamad Ezanni Mat Salleh berkata, seorang pemilik kilang memproses bahan kimia ditahan jam 7 malam kelmarin di Kulai. "Kira-kira jam 12.30 tengah hari tadi (semalam), kami menahan seorang pemilik kilang barangan lusuhi di Taman Pasir Putih, Pasir Gudang, dengan seorang pekerjaanya," katanya ketika membawa media ke satu lokasi kilang tempat suspek ditahan di Pasir Gudang, semalam.

Hadir sama Pengerusi Jawatankuasa Kesihatan, Alam Sekitar dan Pertanian negeri, Dr Sahruddin Jamal. Mohammad Ezanni berkata, serbuan pertama di Kulai dilakukan JAS dan polis selepas memperoleh laporan kimia daripada sampel bahan kimia yang diambil dari Sungai Kim Kim. "Selepas mendapat hasil laporan kimia itu, kami mencari kilang yang memproses jenis bahan kimia berkenaan dan menyerbu sebuah kilang di Kulai.

"Hasil pemeriksaan, bahan kimia di kilang itu sepadan dengan bahan kimia yang dibuang di Sungai Kim Kim. Bagaimanapun, kami masih menunggu laporan kimia sampel bahan yang diambil di kilang. Kami menahan pemilik kilang untuk membantu siasatan," katanya. Beliau berkata, pada masa sama pihaknya mendapat maklumat mengenai sebuah lagi kilang dan menyerbu premis itu tengah hari semalam. "Ketika diserbu, kami menemui sejumlah sisa bahan kimia berjadual yang dibungkus dan apabila ditanya, suspek mengaku ia untuk dibuang. "Apabila ditanya hendak dibuang di mana, dia hanya tunjuk 'depan sana' dan kami mengesyaki mereka mungkin ingin membuangnya di sungai, malam ini (malam tadi). "Maka, kami menahan mereka untuk membantu siasatan," katanya. Katanya, semua suspek disiasat mengikut Seksyen 34B Akta Kualiti Alam Sekeliling 1974 yang membawa hukuman denda sehingga RM500,000 dan penjara maksimum lima tahun, jika sabit kesalahan.



SAMPEL bahan kimia yang diambil di kilang memproses barangan lusuhi yang disita di Taman Pasir Putih, Pasir Gudang.



PELAJAR memakai topeng muka di SK Taman Pasir Putih sebagai langkah berjaga-jaga.





# LAMPIRAN 11 (SAMB.) HARIAN METRO (SETEMPAT): MUKA SURAT 11 TARIKH: 12 MAC 2019 (SELASA)

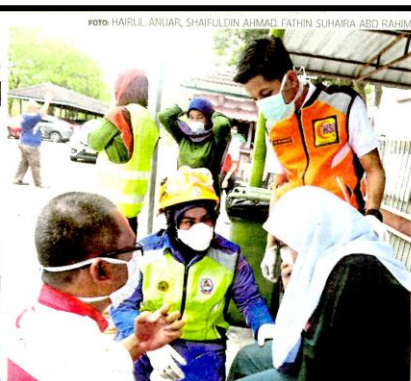


FOTO: HAFILU ANUAR, SHAIFULDIN AHMAD, FATHIN SUHAIRA ABD RAHIM

PASUKAN perubatan memberi bantuan awal kepada pelajar yang terhidu bahan kimia di Sekolah Menengah Pasir Putih, Pasir Gudang.

## 61 pelajar dirujuk HSI

**Johor Bahru:** Seramai 61 individu termasuk murid dan pelajar dua sekolah di Taman Pasir Putih, Pasir Gudang dirujuk ke Hospital Sultan Ismail (HSI) di sini, selepas mengadu sesak nafas dan kesihatan terjejas akibat bau busuk disyaki kesan sisa bahan kimia yang dibuang di Sungai Kim Kim, Khamis lalu.

Pengurus Jawatankuasa Kesihatan, Alam Sekitar dan Pertanian negeri Dr Sahruddin Jamal berkata, jumlah itu adalah yang direkodkan sejak insiden berlaku tengah hari semalam, hingga jam 5.30 petang.

"Sehingga jam 5.30 petang tadi (semalam), seramai 61 mangsa dirujuk ke HSI untuk diberi rawatan.

"Kita masih menjalankan siasatan untuk mengetahui punca insiden hari ini (semalam) dan adakah memang ia berpunca daripada sisa buangan bahan kimia yang dibuang di Sungai Kim Kim sebelum ini," katanya, di sini, semalam.

Seramai 57 daripada 61 yang mendapatkan rawatan di HSI adalah pelajar dan murid manakala baki empat yang lain

adalah orang dewasa termasuk seorang guru.

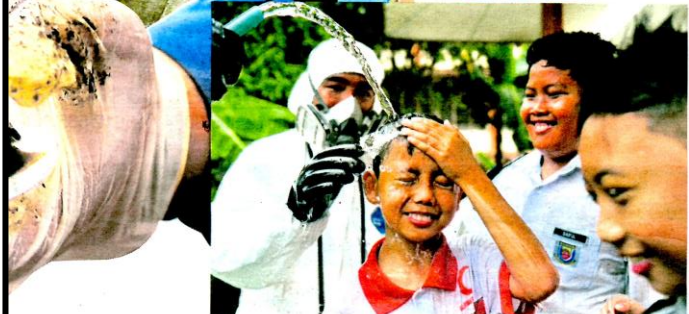
Dr Sahruddin berkata, daripada jumlah itu seramai sembilan dirawat di zon merah, 25 di zon kuning dan 27 di zon hijau.

Dalam kejadian kira-kira jam 12 tengah hari itu, Sekolah Kebangsaan (SK) Taman Pasir Putih dan Sekolah Menengah Kebangsaan (SMK) Pasir Putih yang baru dibuka semula semalam, diarahkan tutup apabila ada murid dan pelajar mengadu sesak nafas.

Sebelum ini, kedua-dua sekolah berkenaan diarahkan tutup pada Khamis dan Ahad lalu kerana pencemaran udara akibat pembuangan sisa bahan kimia di Sungai Kim Kim yang terletak di kawasan berhampiran, sebelum disahkan selamat untuk dibuka semalam.

Bermula insiden pada Khamis lalu hingga semalam, sebanyak 82 kes dilaporkan susulan insiden itu, termasuk 23 pesakit luar dan 59 yang dimasukkan ke wad.

Daripada 59 kes yang dirawat di wad, 34 daripadanya sudah dibenarkan pulang, manakala 25 lagi masih ditempatkan di wad.



ANGGOTA Hazmat memandikan murid-murid yang terkena simptom bahan kimia.

## Hukuman setimpal kepada pesalah

**Seri Kembangan:** Menteri Pendidikan Dr Maszlee Malik mahu pihak yang bertanggungjawab terhadap kes pencemaran gas metana di dua sekolah di Johor di bawa ke muka pengadilan dan menerima hukuman setimpal.

Kata Maszlee, pihaknya menerima secara langsung maklumat daripada Jabatan Pendidikan Negeri serta agensi terbabit terutama Kementerian

Alam Sekitar, Angkatan Pertahanan Awam Malaysia (APM) serta Jabatan Bomba dan Penyelamat Malaysia (JBPM) berhubung kes pencemaran berkenaan.

Kata beliau, usaha pembersihan sekolah sudah dilakukan bagi memastikan persekitaran sekolah benar-benar sihat dan selamat untuk pelajar.



LAMPIRAN 12  
 NEW STRAITS TIMES (NATION/NEWS): MUKA SURAT 9  
 TARIKH: 12 MAC 2019 (SELASA)



**RAID**  
 A Johor Department of Environment officer taking samples of chemicals at a factory in Pasir Gudang yesterday. With her are the department's director, Datuk Dr Mohammad Ezanni Mat Salleh (standing, second from left), and state Health, Environment and Agriculture Committee chairman Dr Sahrudin Jamal (standing, left). PIC BY HAIRUL ANUAR RAHIM

# 3 HELD OVER DUMPING OF CHEMICAL

Chemical dumped in a Pasir Gudang river on Thursday

IZLAILY NURUL AIN HUSSEIN  
 JOHOR BARU  
 cnews@nstp.com.my

**T**HREE men have been arrested in connection with the illegal chemical dumping in Sungai Kim Kim in Pasir Gudang on Thursday.

The three suspects, in their 40s and 50s, were factory owners and a factory worker. Johor Department of Environment (DoE) director Datuk Dr Mohammad Ezanni Mat Salleh said one of the suspects, the owner of a chemical processing factory, was arrested in Kulai at 7pm on Sunday. "At 12.30pm today (yesterday), we arrested the owner of a re-

cycling factory in Taman Pasir Putih and one of his employees," Ezzani said at a factory belonging to one of the suspects in Pasir Gudang here. Present was state Health, Environment and Agriculture Committee chairman Dr Sahrudin Jamal. Ezzani said the first raid was conducted by DoE and the police after they received a chemistry report on the sample of the substance taken from Sungai Kim Kim. "After receiving the report, we

started to look for factories that process the same chemical identified in the sample and raided the factory in Kulai. "Based on our checks, the chemicals found at the factory matched the substance dumped in Sungai Kim Kim. "We are waiting for further tests. We have arrested the owner to assist in the investigation." He said the department raided another factory yesterday after receiving a tip-off. "We found several packages of

chemicals and when we asked one of the suspects, he said they would be disposed of. "When we asked where they were to be disposed off, he said: 'Over there'. "So we suspect they would dump it in the river tonight (last night)." The case is being investigated under Section 34B of the Environmental Quality Act 1974, which carries a jail sentence of not more than five years or a fine of not more than RM500,000 or both, upon conviction.

## 2 schools ordered to close again

**JOHOR BARU:** The state Fire and Rescue Department on Sunday ordered SK Taman Pasir Putih and SMK Pasir Putih in Pasir Gudang, which are located near the site of an illegal chemical dumping incident, to close again. The decision was made after a number of students had difficulty breathing, possibly from inhaling toxic fumes.

State Hazardous Material Management Special Team (Hazmat) unit chief Saiful Bahri Safar said the unit ordered those involved to seek treatment. He said the decision was made as a precaution. The schools, which reopened yesterday, were ordered to close last Thursday after students fainted, vomited and suffered

breathing problems due to the inhalation of toxic fumes from chemicals dumped into Sungai Kim Kim near the schools. Johor Health, Environment and Agriculture Committee chairman Dr Sahrudin Jamal said the schools would remain closed until a decision was made by the state Disaster Action Committee.

	SUBUH	SYURUK	ZUHUR	ASAR	MAGRIB	ISTAK
Melaka	6:03	7:19	1:24	4:32	7:25	8:34
Penang	6:10	7:25	1:31	4:43	7:32	8:41
K. Lumpur	6:05	7:20	1:26	4:36	7:27	8:36
Johor Baru	5:56	7:12	1:17	4:25	7:19	8:28
Kuantan	6:00	7:16	1:20	4:30	7:22	8:31
Ipoh	6:08	7:21	1:29	4:40	7:30	8:39



LAMPIRAN 13  
SINAR HARIAN (SENTRAL): MUKA SURAT 18  
TARIKH: 12 MAC 2019 (SELASA)

**Sinar**

WACANA SINAR BERSAMA  
WWF-MALAYSIA

**PERUBAHAN IKLIM & KEHILANGAN BIODIVERSITI: TERJEJASKAH RAKYAT?**

TARIKH:  
12 MAC 2018 (SELASA)

JAM:  
3-5 PETANG

TEMPAT:  
DEWAN KARANGKRAF,  
SEKSYEN 15, SHAH ALAM

**PANELIS**  
PROF MADYA  
DR RAMZAH  
DAMBUL  
TIMBALAN KETUA  
SETIAUSAHA (STI),  
MESTECC

**PANELIS**  
DATO' ABDUL  
KADIR ABU HASHIM  
KETUA PENGARAH PERHILITAN

**PANELIS**  
DR HENRY  
CHAN  
PENGARAH  
PEMULIHARAAN,  
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LAMPIRAN 14  
 UTUSAN MALAYSIA (UTUSAN KOTA): MUKA SURAT 46 & 47  
 TARIKH: 12 MAC 2019 (SELASA)

UNIT BERITA KOTA 44, Jalan Utusan, Melalui Jalan Chan Sow Lin, 55200, Kuala Lumpur.  
 Facebook: Utusan Kota Twitter: @UtusanKota Laman web: www.utusan.com.my

Papan tanda larangan sekadar perhiasan, tidak dipedulikan  
**Buang, bakar sampah**



Oleh NUR IZZATI IZZAH NADZI  
 utusankota@gmail.com.my

■ KUALA LUMPUR 11 MAC

**T**IMBUNAN sampah dan pembakaran secara haram di sekitar belakang sebuah sekolah rendah Islam swasta di Jalan Persiaran Lestari Perdana, Seri Kembangan, Selangor telah mengakibatkan pencemaran udara sehingga menghalang aktiviti luar sekolah berkenaan.

Tinjauan *Utusan Malaysia* di kawasan pembuangan sampah itu mendapati walaupun terdapat dua papan tanda larangan membuang sampah diletakkan di situ ia sekadar perhiasan semata-mata.

Berdasarkan pemerhatian terdapat pelbagai jenis sampah termasuk sampah pukal seperti perabot, sisa bahan binaan dan besi buruk memenuhi kawasan itu.

Ketika tinjauan, terlibat seorang pemungut besi buruk warga asing sedang leka memungut besi-besi dan barangan yang masih diguna pakai untuk dijual.

Pengarah Eksekutif Sekolah Rendah Islam Integrasi Puncak Jali, **Sheikh Mohd. Zaki Sheikh Abdul Rahman**, 31, berkata pembuangan sampah secara haram oleh individu berkenaan berlaku sejak tujuh tahun yang lalu.

“Perbuatan membakar timbunan sampah di sini baru sahaja dilakukan.

“Kami sendiri melihat ada sebuah lori berhenti di tempat pembuangan sampah haram itu, kemudian

membakarnya. Individu itu menunggu sehingga api itu terpadam dan berlalu pergi.

“Bukan sekali dua mereka melakukan pembakaran itu tetapi kerap kali sehingga pihak sekolah terpaksa membatalkan aktiviti luar kerana bau asap yang datang dari tapak pembuangan mengganggu proses pembelajaran pelajar,” katanya.

Sheikh Mohd. Zaki berkata, pihaknya sudah dua kali



PEMASANGAN papan tanda larangan membuang sampah tidak dipedulikan mereka yang terlibat.



PELBAGAI jenis sampah serta sisa binaan di buang di kawasan berkenaan.

memanjangkan isu berkaitan kepada Majlis Perbandaran Subang Jaya (MPSJ) dan pemasangan papan tanda larangan telah dilakukan namun keadaan masih berterusan.

Peniaga, **Suhana Yon Chik**, 39, berkata, dia selalu menggunakan jalan itu untuk mengambil anak pulang dari sekolah dan akan melihat timbunan sampah yang dibuang semakin bertambah setiap hari.

“Perbuatan membuang sampah di situ bukan sahaja dilakukan individu malah terdapat juga lori pengutipan sampah perumahan di situ berbuat demikian.

“Kegiatan itu sering dilakukan pada waktu malam bagi mengelakkan perbuatan mereka dikesan,” katanya.

Bukan sekali dua mereka melakukan pembakaran itu tetapi kerap kali sehingga pihak sekolah terpaksa membatalkan aktiviti luar kerana bau asap yang datang dari tapak pembuangan mengganggu proses pembelajaran pelajar.”

**SHEIKH MOHD. ZAKI SHEIKH ABDUL RAHMAN**



LONGGOKAN sampah memenuhi sepanjang laluan di Jalan Persiaran Lestari Perdana, Seri Kembangan, Selangor.



**LAMPIRAN 15**  
**THE STAR (VIEWS): MUKA SURAT 17**  
**TARIKH: 12 MAC 2019 (SELASA)**

**> Single-use plastic**

Many people probably have no idea of how to reduce their use of single-use plastic. One quick example: use reusable food containers to store raw meat, chicken or fish. - Jenny Ngiam

**LAMPIRAN 16**  
**SINAR HARIAN (ADUAN): MUKA SURAT 50**  
**TARIKH: 12 MAC 2019 (SELASA)**



LAMPIRAN 17  
THE STAR (VIEWS): MUKA SURAT 17  
TARIKH: 12 MAC 2019 (SELASA)

## SJK (T) Rawang students taking part in Russia science festival

SEVERAL students from SJK (T) Rawang are participating in a science festival in Russia, thanks to the Malaysia Telugu Foundation (MTF), *Makkal Osai* reported.

The science innovation competition, which is taking place in St Petersburg between March 10 and 14, is a great opportunity for the students, MTF president Datuk Dr R. Kantharao Ackunaidu said.

This will give them the chance to expand their critical thinking while participating in an international conference with high standards.

Students from the Rawang school have shown great aptitude in such competitions and have won gold medals in the event before.

> A priest in India who was soothing while lying on a tree branch accidentally fell to his death, *Malaysia Nanban* reported.

The man, who was identified as Ayyasamy, apparently conducted the ceremony at the temple of his namesake Aiya Samy deity in Coimbatore, Tamil Nadu, every year during the annual festival.

As he was conducting the ritual while lying on a branch about six metres up, he lost his balance and fell to the ground.

He was rushed to hospital but died soon after.



LAMPIRAN 18  
THE SUN (NEWS WITHOUT BORDERS): MUKA SURAT 3  
TARIKH: 12 MAC 2019 (SELASA)



LAMPIRAN 19  
 THE STAR (BRIGHT KIDS): MUKA SURAT 6  
 TARIKH: 12 MAC 2019 (SELASA)

# Utilising technology in lessons

IN today's fast-changing world, educational institutions need to integrate technology in education to prepare students for the future. Sunway International School (SIS), the only school in Malaysia to offer the Canadian (Ontario) School Curriculum, has a clear vision and mission to incorporate and apply technology as an educational tool.

SIS believes that technology performs an important and strong role in supporting learning in all areas and across all subjects. As such, starting from Grade 8 onwards, SIS students are required to have and use a personal laptop computer for their daily lessons.

## Easing communication

At SIS, students use online learning platforms designed for teachers and students to share ideas and information with each other. This paperless platform enables teachers to create classes, post and collect assignments, organise and collaborate on ideas and view work online.

Students can keep track of deadlines, instantly receive feedback on their work and respond to that feedback quickly and efficiently.

Teachers, students and parents are also connected virtually via

this platform. SIS teachers can invite parents to the "online classroom" and share important information related to their children's assignments and expectations. Parents will regularly receive automated email outlines of the students' work, class announcements and activities. This online platform allows for open communication, and parents are encouraged to reach out to their children's teachers.

## Effective learning tool

The quick advancement of information and communication technology has led to more opportunities to reinforce the learning framework. SIS teachers use digital tools and applications to upgrade their lessons delivery, empower their students to dive further into class assignments and facilitate easier access to information.

There are many additional resources for lesson delivery that are readily available online at no cost, such as Gedit and Kahoot!. Students love using these applications because they cater to their tastes and preferences but are also geared towards keeping them organised. This allows them to better connect with their lessons,

which leads to better understanding of the content as well. The tools also help teachers with monitoring their students' progress.

Other teaching aids used by the teachers include quizzes, games and simulations and videos.

SIS provides Wi-Fi access for all students, and all 34 of its classrooms and five laboratories are equipped with interactive whiteboards. SIS teachers spend numerous hours in expert development to guarantee these technologies are incorporated into the curriculum.

By bringing technology into classrooms, students are prepared for a seamless progression into university and the workforce.

## No more dull days

Traditional passive classes have long gone from SIS. The flipped classroom concept reverses the traditional "in-class" environment by delivering instructional content outside of the classroom. Students study topics at home and come to class ready to share their understanding of it, work on assignments, or even use the class time to discuss and ask questions.

SIS teachers have found that the students benefit from the flipped

model. Homework is increasingly open and fun, and class time is more captivating. Instead of standing at the front of the class conversing with students, this method allows the teachers to have solid and meaningful discussions with their students. This also gives students an opportunity to learn to interact and agree or disagree in a safe and respectful environment.

Technology has made itself a part of life. SIS recognises this and will continue to merge

education and technology. Some might argue too much technology can be a distraction, but with the right guidance, students will learn to use technology responsibly and respectfully.

To get a better understanding of how SIS incorporates technology into the classroom, visit its Open Day on Apr 20.

■ For more information, call 03-7491 8070/07-533 8070 or visit [www.sis.sunway.edu.my](http://www.sis.sunway.edu.my)



By bringing technology into the classroom, SIS aims to prepare students for a seamless transition into university and the workforce.



LAMPIRAN 20  
 NEW STRAITS TIMES (NEWS/NATION): MUKA SURAT 12  
 TARIKH: 12 MAC 2019 (SELASA)

ADVANCED MATERIALS PLANT

## DECISION ON LYNAS OPERATING LICENCE SOON?

Australia hopes it will be based on Review Committee's recommendations, says high commissioner to Malaysia

AZMAN ABDUL HAMID  
 KUALA LUMPUR  
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**A**USTRALIA believes that the Malaysian government is nearing a decision on the extension of Lynas's operating licence and hopes that it will be based on the government's Review Committee's recommendations.

Australian High Commissioner to Malaysia Andrew Goledzinowski said his government was "waiting for the final determination in the matter".

"But, it seems that any changes to licensing conditions should be based on the government's Review Committee's recommenda-

tions," he told the *New Straits Times*.

Goledzinowski urged Malaysia to accept the Review Committee's recommendation last year that Lynas complied with all conditions which qualified the company for an extension of licensing.

However, he said, the authorities had asked Lynas to export stockpiles of waste product from its processing plant by Sept 2 when its licence was due for renewal, a move that went against the licensing conditions.

A move to change licensing conditions would be unfair to Lynas as it was inconsistent with licensing stipulations and the Review Committee's recommendations, said Goledzinowski.



Andrew Goledzinowski

"Lynas' operating licence requires it to examine commercialisation options for the residue. This is consistent with international best practices. If that proves impractical, then the licence calls for permanent storage.

"This is also the recommendation of the Review Committee. Ly-

nas is required to look at exporting the material only if the two options are unavailable."

Goledzinowski was commenting on a recent NST report that Lynas had high safety standards and there were no reports of environmental or health problems since the company started operations in 2012.

Lynas has succeeded in finding commercial applications for its residue with the discovery of Condisoil, a type of multipurpose fertiliser, which should exempt the company from exporting it.

However, Kuantan member of parliament Fuziah Salleh recently said Lynas should suspend the production of the water leached purification residue at its rare earth refinery if it failed to dispose of the stockpiles by that date.

On continued protests by an anti-Lynas group, Goledzinowski said they had every right to express their views, as long as it was

done peacefully and based on facts.

He said it was the local authority's right to regulate industrial operations in line with its laws, regulations and licensing procedures.

"We prefer an outcome that can enable the industry to continue to employ thousands of Malaysians in a safe and proper manner."

Rare earth gets its name from the scarcity of several earth elements. They have special properties and are used in applications and devices, such as catalytic converters, nickel metal hydride batteries, energy efficient electrical motors, electronics, energy efficient fluorescent lamps and magnetic resonance imaging machines.

The Lynas plant was envisioned to promote multiple downstream industries, like electric vehicles and hybrid cars, electronics, renewable energy, the oil and gas sector and defence applications.

LAMPIRAN 21  
 NEW STRAITS TIMES (OPINION): MUKA SURAT 13  
 TARIKH: 12 MAC 2019 (SELASA)

THE DREADED DENGUE

# SCIENCE TO THE RESCUE

But there must be more local academic participation in *Aedes* international research and development



Over the past two years, three million *Wolbachia*-infected *Aedes* mosquitoes have been released by IMR into the wild at seven dengue hotspots. WIKI PIC



**ZAKRI ABDUL HAMID**

I HAD always assumed that I would be the least vulnerable among family members and friends to contract the dengue virus.

But there I was, languishing at the Universiti Kebangsaan Malaysia (UKM) Klinik Warga under the care and attention of specialists and nurses. It was an excruciating experience over six days in January.

Bear in mind that there is no specific medication for dengue. Medical care largely consists of monitoring symptoms and vital signs, maintaining hydration, and a blood transfusion in the most severe cases. Fortunately for me, I did not need a blood transfusion. But it was still a little humiliating and embarrassing to be laid low by the bite of an insect.

So when I read the news about the success of a pilot project by the Institute for Medical Research (IMR) to contain the *Aedes Aegypti* mosquito, from which the dengue virus is transmitted, I was relieved. IMR had used a biological agent — the *Wolbachia* bacteria, a natural bacteria present in up to 60 per cent of insect species, including some mosquitoes, but not commonly found in the *Aedes* mosquito. Over the past two years, three million *Wolbachia*-infected *Aedes* mosquitoes have been released by IMR into the wild at seven dengue hotspots.

Health director-general Datuk Dr Noor Hisham Abdullah said the results of the project were encouraging, with about 80 per cent suc-

cess rate. IMR director Datuk Dr Fadzilah Kamaluddin said the World Health Organisation had recommended it, after having proved it successful in a few countries previously.

Dengue is the country's most prevalent disease — about 330 cases per 100,000 citizens. Now that's well over twice as many cases as our second most common disease: hand, foot, and mouth disease (152 cases per 100,000 people).

WHO regards dengue as one of the most dangerous mosquito-borne viral diseases in the world. The dengue virus causes flu-like illness and may develop into a serious condition with severe abdominal pain and bleeding or bruising under the skin. Found mostly in tropical and sub-tropical climates worldwide, there are now 30 times more cases globally than there were five decades ago, according to WHO. Some 50 to 100 million new infections are estimated annually in more than 100 countries, Malaysia included. Every year, hundreds of thousands of severe cases result in 20,000 deaths.

Pioneering work on the *Wolbachia* bacteria was conducted by Prof Scott O'Neill in the 1980s. His "Eliminate Dengue Research Programme" was based on years of laboratory research and extensive small-scale field trials. He and his team from Australia's Monash University proposed *Wolbachia* infection of mosquitoes to stop dengue transmission in 2005, and the idea advanced with financial support from the Bill and Melinda Gates Foundation.

IMR had collaborated with the University of Glasgow and University of Melbourne on the project

that was funded by the Wellcome Trust. What is interesting is the "Replacement Method" used to identify how *Wolbachia*-infected mosquitoes could assist in the reduction of *Aedes* mosquitoes in hotspot areas.

By mating the *Aedes* mosquitoes with *Wolbachia*-infected mosquitoes, says Dr Fadzilah, "*Aedes* mosquitoes will eventually be incapable of transmitting dengue to humans. In time, elimination of the disease will become a reality".

There are a number of other strategies by the Health Ministry to control and prevent dengue. These include eDengue, the Internet-based real-time monitoring system, and a dengue epidemic management system to enhance surveillance. Community gotong-royong is also periodically carried out at *Aedes* mosquito breeding grounds and at the national level twice a year. In addition, there is the Dengue Free programme and Communications Programme for Behavioural Change (Combi).

These laudable, pre-emptive and proactive measures are being augmented by additional scientific research and development.

An observation, though. Our local universities are mostly absent in this collaborative international research and development. With most research funding in the country being channelled to universities today, the *Aedes* mosquito menace must surely qualify as one of the "grand challenges" which our universities should take up.

The writer extends his deepest thanks to UKM's Klinik Warga staff for the exemplary treatment accorded to him recently

# LAMPIRAN 22 THE STAR (NEWS): MUKA SURAT 2 TARIKH: 12 MAC 2019 (SELASA)



An illegal dumping ground at the compound of the Taman Desaria flats. — Photos: SAM THAM/The Star

## Residents paying the cost for poor maintenance

### Low collection of monthly fees results in a host of problems



Residents are worried that the wire mesh fence may become a conductor for lightning during a storm.

By OH ING YEEN  
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OVERFLOWING sewage, indiscriminate rubbish dumping, poor amenities and dengue cases are issues residents of Taman Desaria flats in PJS 5, Petaling Jaya, have to put up with daily. Several residents led by C. Devaraj approached *StarMetro* for help to resolve these longstanding issues.

A walk around the flats revealed the numerous problems residents have to live with.

Abandoned motorcycles occupy a space meant for the roll on, roll off bins. An illegal dumping ground has sprung up near the space.

Not only do residents have to deal with the stench coming from the rubbish dump, another offensive odour comes from raw sewage flowing out of illegal pipe extensions.

Facilities such as the badminton court cannot be used as some residents park their cars there.

"When children play at the court and the shuttlecock lands on a car, the car owner will scold them," said Devaraj.

There are 720 units spread out

over six blocks with about 4,000 people living in Taman Desaria.

"We have written to the authorities but have yet to see any changes," said Devaraj, showing a file containing copies of letters sent to various government bodies.

He admitted that some of the problems were caused by residents themselves.

"Many do not pay maintenance fees because they think the place is not properly maintained.

"However, maintenance cannot be carried out because some people are not paying. It is a vicious cycle," said Devaraj.

Resident S. Nathan said dengue fever led to one death last year.

"There are many mosquito breeding spots here.

"Aside from that, we live near a jungle so it is not uncommon to see a snake slithering into the compound," he said.

**Community spirit lacking**

Resident Wong Ah Yan listed clogged toilets, rubbish and dengue as her main concerns.

The host of problems has also led to friction among neighbours.

"One of our neighbours scolded



Abandoned motorcycles taking up space meant for rubbish disposal.



Clogged drains contribute to the foul smell in the area.



### LAMPIRAN 22 (SAMB.) THE STAR (NEWS): MUKA SURAT 3 TARIKH: 12 MAC 2019 (SELASA)



The poor collection of maintenance fees contribute to the unkempt surroundings.



Many of the facilities cannot be used as they are in a state of disrepair.



Stagnant water at the rooftop are potential breeding grounds for mosquitoes.

us for the clogged toilets but it is not our fault as there is no maintenance being carried out at all.

"There is no maintenance because some people do not pay the maintenance fees.

"It is unfair to those of us who have been paying all along. Why do we have to suffer as well?" Wong asked.

Residents also fear being struck by lightning. Devaraj pointed to cars parked next to electricity pylons located opposite the flats.

"The land is used by a car shop operator who stores his customers' cars there.

"He fenced up the area but the wire mesh fencing acts as a conductor whenever there is thunder and lightning.

"It is dangerous for us as the fence is so close to the flats," he said.

#### Horrible living conditions

The poor living conditions have also led to social problems, said resident Nantini Jayakumar.

"Children do not want to live in such a place and often go out. "Some drop out of school and

their parents are too busy working to keep tabs on their whereabouts," she said.

Nantini added that without education, the younger generation would be trapped in a never-ending cycle of poverty.

"It is a thankless job to be in the residents association, especially when most of us are struggling to make ends meet.

"But we have no choice, if we do not step up and try to do something, who is going to help us?"

There is a joint management body (JMB) at the flats but it seems powerless to deal with the issues which have been plaguing residents for years.

When Nantini contacted the JMB, she was told to push residents to pay the maintenance fee and sinking fund of RM35.

"Why didn't they take action against the residents responsible," she asked.

#### Host of problems

The day before *StarMetro's* visit, one of the fuses blew out leaving a



Abandoned vehicles are a common sight at the Taman Desaria flats.

block without power supply.

One of the affected residents, A. Thangarajah, said the power supply went out around 11.30pm.

"There was smoke coming from the fusebox.

"With the hot weather, it was unbearable to be without electricity for a few minutes, let alone hours." The problem was rectified the next day.

When contacted, Indah Water Konsortium Sdn Bhd (IWK)

flushed to the main pipe (public pipes) and this slowed water flow.

"IWK later carried out maintenance work and flushed the pipes with high pressure water jet to clear the blockage," said Wan Esuriyanti.

When contacted, the Petaling Jaya City Council (MBPJ) said waste collection for the flats is under the purview of KDEB Waste Management Sdn Bhd.

"Residents can file a complaint regarding rubbish issues and we will forward it to KDEB," a council spokesman said.

When asked about problematic strata buildings like Taman Desaria, state Local Government, Public Transport and New Village Development Committee chairman Ng Sze Han said the city council can step in by appointing contractors.

"The residents can seek help from their elected representatives or go to MBPJ's Commissioner of Buildings (CoB).

"Residents can also request for an extraordinary general meeting to take over control of the JMB," he said.

Corporate Communications head Wan Esuriyanti Wan Ahmad said, "The pipes (within the private perimeter) are the responsibility of the JMB and homeowners."

Wan Esuriyanti explained that IWK was responsible for public pipes outside the boundary and the sewage treatment plant.

Residents then paid private contractors to unclog the pipes.

"During the cleaning process debris from the private pipes got

# LAMPIRAN 23 SINAR HARIAN (KUALA SELANGOR): MUKA SURAT 33 TARIKH: 12 MAC 2019 (SELASA)

## Isu pencemaran yang tiada kesudahan

ARZIANA MOHMAD AZAMAN

JERAM

Isu pencemaran sungai dan berminyak di Kampung Bagan Sungai Buloh, di sini masih berlarutan dan menjadi rungutan nelayan.

Lebih dikesalkan, isu berkenaan yang dipanjangkan kepada agensi berkaitan sejak beberapa tahun lalu seolah-olah tiada penyelesaian.

Wakil nelayan, Kahar Buntal, 67, mendakwa, sebelum ini sisa kilang yang dibuang menjadi punca air sungai tercemar memandangkan paip saluran keluar dipasang di dalam tanah.

Menurutnya, akibat itu aliran air menjadi hitam dan selepas diselidik, ada paip saluran sisa kilang dipasang di dalam tanah bagi mengelakkan kesan pihak berkuasa.

"Kami sudah buat siasatan sendiri di sepanjang sungai itu sehingga ke kawasan kilang. Kami buat semua ini kerana sudah tidak dapat menanggung derita bau busuk setiap hari," katanya.

Menurutnya, pencemaran air baru-baru ini dikesan terlalu teruk daripada kunci air bersebelahan yang didakwa daripada sisa kolam udang yang dibuang terus ke laut.

"Kami periksa punca sisa kumbahan tu datangnya dari kolam udang berhampiran sebab aliran air dari kunci air yang dikenal pasti...jadi isu ini sepatutnya diberikan perhatian oleh pihak berkaitan," katanya.

Kahar memberitahu, sudah beberapa kali perbincangan dilakukan bersama agensi terbabit namun pencemaran masih berlarutan.



# Sungai busuk, air hitam

Air dikatakan berminyak dan didakwa daripada sisa kumbahan berdekatan.

### Tak macam dulu

Menurut Kahar, hasil kerang nelayan didakwa semakin berkurangan dan hanya tinggal cengkerang.

"Bila fikirkan nasib nelayan di kawasan ini yang harapkan hasil kerang untuk hidup, kami tak sanggup lagi berdepan masalah pencemaran ini sebab nak dapatkan hasil yang lumayan cukup susah.

"Tak macam dulu, kami mudah nak dapatkan lebih 10 guni kerang untuk dijual tapi sekarang ikut nasib...kalau selalu hujan dan air tercemar mengalir terus ke laut, mungkin kawasan penterakan tak terjejas teruk," katanya.

Pengerusi Majlis Pengurusan Komuniti Kampung (MPKK) Sungai Buloh, Rozaimi Zainal memaklumkan, pihaknya menerima aduan mengenai pencemar

### info

- Perlu siasat kesahihan dakwaan pencemaran daripada kilang
- Banyak kerang mati dan sukar dapat hasil
- Nelayan dakwa ada paip saluran sisa kilang

an itu sejak sebulan lalu.

"Sebenarnya pencemaran ini sudah lama berlarutan namun paling teruk beberapa minggu lalu apabila air bertukar kehitaman, berminyak dan busuk.

"Jadi saya terpanggil untuk bawa wakil rakyat ke sini menjenjng kawasan ini supaya perkara ini mendapat perhatian sewajarnya," katanya.

### Lawatan mengejut



Juwairiya (tengah) mendengar aduan nelayan berhubung isu pencemaran di Bagan Sungai Buloh.

SEMENTARA itu, ADUN Bukit Melawati, Juwairiya Zulkifli berkata, pihaknya turut melawat kawasan jeti nelayan terbabit selepas perkara itu dimaklumkan.

"Saya buat lawatan mengejut bersama ketua kampung dan difahamkan isu ini sudah berlarutan sejak dahulu.

"Nelayan mendakwa isu pencemaran ini berpunca daripada sisa kilang sama ada di Ijok atau Parit Mahang tetapi kita perlu siasat kesahihannya," katanya.

Tegasnya, pihaknya akan memohon kerjasama jabatan berkaitan untuk menyasat punca sebenar pencemaran. "Keadaan ini menjejaskan habitat sungai dan hasil laut.

Tindakan tegas perlu diambil kepada pihak yang menjadi punca pencemaran air di kawasan ini," katanya.

Ketua Perikanan Daerah Kuala Selangor, Mohd Fazlan Abdul Ghani mengakui, isu itu sudah lama berlarutan.

"Pihak jabatan pun sudah bekerjasama dengan nelayan di situ dengan memanjangkan kepada pihak berkaitan termasuk Lembaga Urus Air Selangor (LUAS) dan Jabatan Alam Sekitar.

"Kami pernah mengadakan perbincangan dalam satu mesyuarat jawatkuasa pencemaran di bawah LUAS sebelum ini. Bagaimanapun perkara ini tetap berulang," katanya.



Rozaimi menunjukkan kesan pencemaran kepada Juwairiya ketika kunjungannya mengejut di jeti nelayan itu.



LAMPIRAN 24  
THE STAR (STAR ASEAN): MUKA SURAT 24  
TARIKH: 12 MAC 2019 (SELASA)

## Ministry: Air pollution dropped in 2018

**BEIJING:** China's air quality improved substantially last year, the environment ministry said, following a government crackdown on pollution and a weakening economy.

Thick smog clouds have plagued China's cities for years and represent the dark side of rapid development that has lifted hundreds of millions out of poverty.

The country's economic miracle has rested firmly on the output of goods like steel, coal and cement,

the production of which are all heavily polluting.

But last year, the average level of microscopic airborne PM2.5 particles – which penetrate deep into the lungs – in 338 cities stood at 39 micrograms per cubic metre last year, a 9.3% year-on-year fall, according to a ministry report.

It was an even greater improvement in air quality than 2017, which saw the average concentration of PM2.5 particles fall 6.5% from a year earlier, the report said.

Ecology and environment ministry chief Li Ganjie said Beijing would maintain its commitment to fight pollution, even as the country faces an economic slowdown.

“We resolutely oppose relaxing or being more lenient with environmental supervision and regulation,” he said at a press conference on the sidelines of China's annual parliamentary meeting yesterday.

We cannot “sacrifice the environment in exchange for economic growth”, he added.

China's economy grew at its slowest pace in almost three decades last year, with 6.4% annualised growth in the last three months of 2018.

But Beijing has been forced to balance its concern over an economic slowdown with fears of a public backlash over environmental pollution.

Government authorities also ramped up enforcement of environmental regulations last year. — AFP



LAMPIRAN 25  
THE STAR (STAR ASEAN): MUKA SURAT 23  
TARIKH: 12 MAC 2019 (SELASA)

## Strong wind destroys 50 houses in east Java

**JAKARTA:** The Sumenep Disaster Mitigation Agency (BPBD Sumenep) reported that strong wind during the weekend had destroyed at least 50 houses in several villages in the East Javan regency. No casualties were reported.

“At least 50 buildings were destroyed,” BPBD Sumenep official Abdul Rahman Readi said as quoted by Antara yesterday.

He said that the most affected region was Lenteng district, where 46 houses were destroyed. At least four houses were destroyed in Saronggi district.

Abdul said the two districts were disaster-prone areas. According to the agency, there are 21 disaster-prone areas in the regency.

“The loss could total hundreds of millions of rupiah,” he said.

He said the regional disaster mitigation agency was coordinating with the police and military to evacuate the affected communities.

Earlier this year, National Disaster Mitigation Agency spokesperson Sutopo Purwo Nugroho said hydrometeorological disasters, such as flooding, landslides and small tornadoes, would be the predominant types of natural disasters in Indonesia this year.

He said deforestation and damage to watersheds contributed to the increasing number of hydrometeorological disasters. — The Jakarta Post/Asia News Network